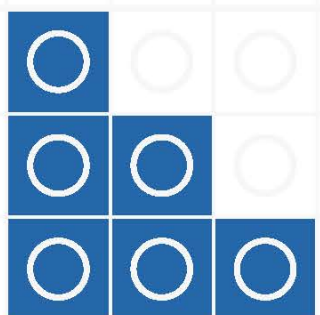
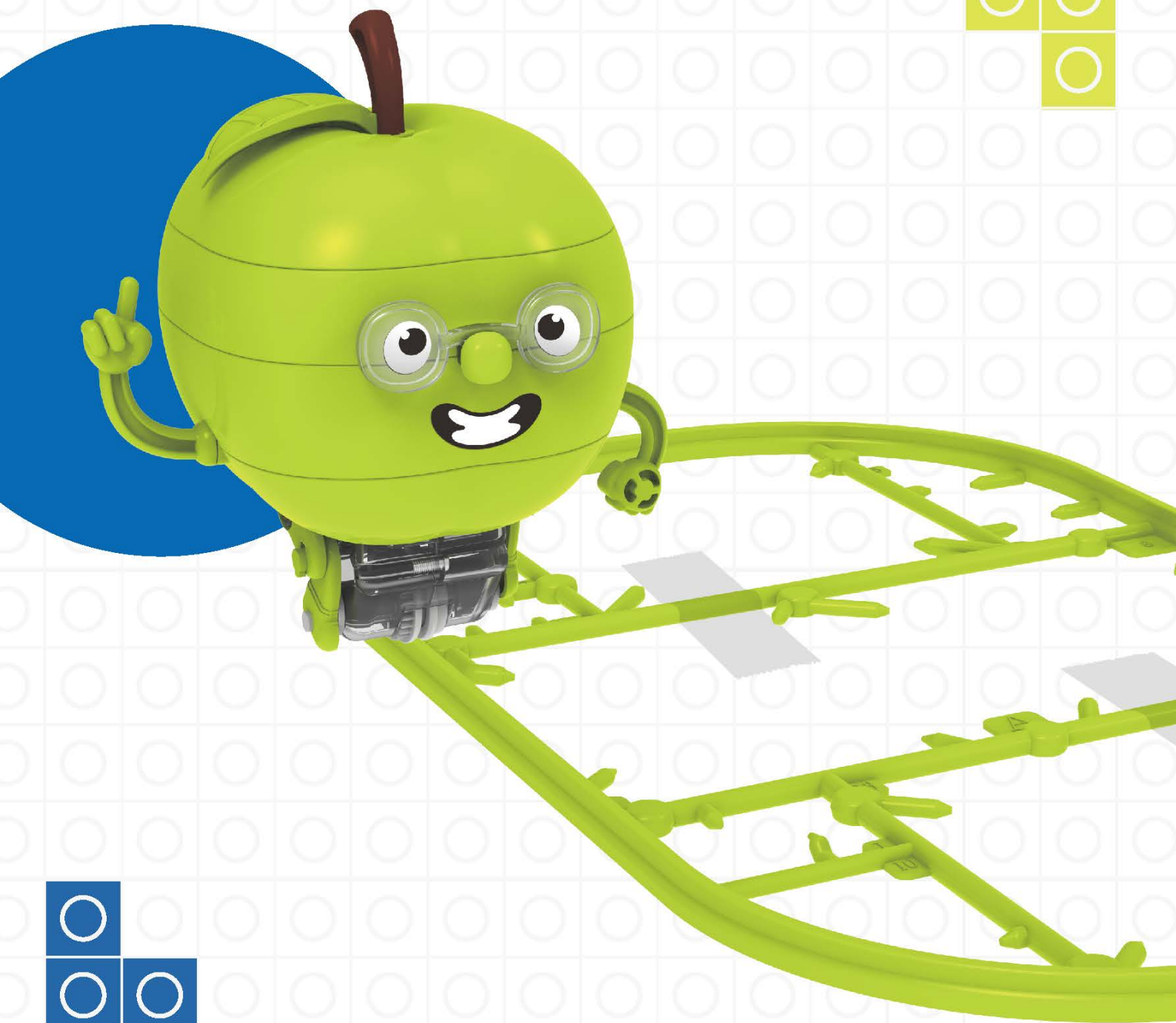
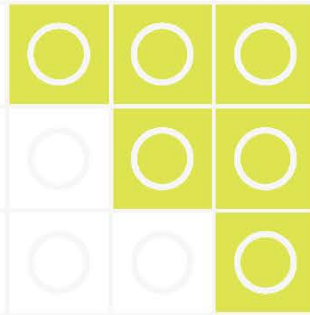




# 2023 Collection More Than Play





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# 2023 Collection



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# AWARDS



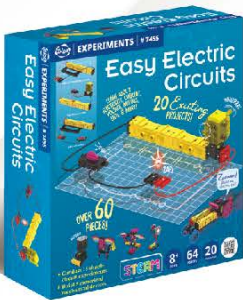
## #7080 ULTRA BIONIC BLASTER

- 2022 - ASTRA Best Toys for Kids Award (SCIENCE)
- 2022 - The Toy Insider's STEM 10 Award



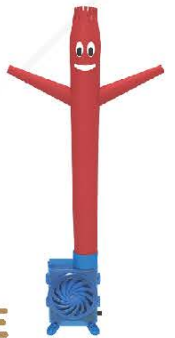
## #7066 ROBOTICS: SMART MACHINES: 5-IN-1 BUILDABLE DRONE WITH HD CAMERA

- 2022 - ASTRA Best Toys for Kids Finalist



## #7455 EASY ELECTRIC CIRCUITS

- 2021 - The Toy Insider's Spring & Summer Gift Guide



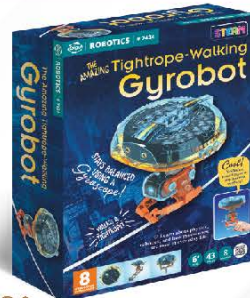
## #7068 INCREDIBLE INFLATABLE AERO DANCER

- 2021 - ASTRA Best Toys for Kids Finalist (Build & Play)



## #7430R WIND POWER 4.0

- 2021 - The Toy Association's Outdoor Toy of the Year Finalist



## #7434 THE AMAZING TIGHTROPE- WALKING GYROBOT

- 2020 - ASTRA Best Toys for Kids (BOTS)
- 2021 - The Toy Association's Specialty Toy of the Year Finalist



## #7433 ROBOTICS SMART MACHINES- HOVERBOTS WITH BALANCETECH

- 2020 - ASTRA Best Toys for Kids (BOTS)



## #7422 SOLAR-POWERED ROVERS

- 2020 - Parents' Choice Gold Award





## #7432 ARCHITECTURAL ENGINEERING

- 2019 - Parents' Choice Gold Award



## #7412R ROBOTICS SMART MACHINES TRACKS & TREADS

- 2019 - Parents' Choice Silver Award



## #7428R SIMPLE MACHINES

- 2019 - Parents' Choice Gold Award



## #7438R THE BIG ENGINEERING MAKERSPACE

- 2018 - Parents' Choice Gold Award



## #7072 KIDS FIRST CODING & ROBOTICS

- 2018 - ASTRA Best Toys for Kids (BOTS)
- 2018 - The Toy Insider's STEM 10 Award
- 2018 - NAPPA Winner (National Parenting Product Awards)
- 2018 - Parents' Choice Gold Award
- 2018 - Golden Pin Design Award



## #7409 GECKOBOT

- 2016 - ASTRA Best Toys for Kids (Constructive Play 8+ Years)
- 2016 - The Toy Insider's STEM 10 Award
- 2016 - Featured in Purdue University's Engineering Gift Guide
- 2017 - Nuremberg Toy Award Nominee



## #1203 ROBOTICS WORKSHOP 2.0

- 2017 - ICT Month Innovative Elite- Golden Awards
- 2019 - Taiwan Excellence Awards



## #7269 BOAT ENGINEER

- 2016 - Featured in Purdue University's Engineering Gift Guide
- 2017 - Parents' Choice Gold Award



# KEY PATENTS HELD BY Gigo

## JUNIOR ENGINEER

**#7269**

**BOAT ENGINEER**

PATENT NO.:

I341741



## STORY LINE

**#7425**

**HEAVY VEHICLES**

PATENT NO.:

M415736

ZL 2010 2 0694079.X



## EXPERIMENTS

**#7427**

**TERRAIN WALKERS**

PATENT NO.:

D198777

201930036102.2

I675159



**#7445**

**ALIEN ROBOTS**

PATENT NO.:

D191854

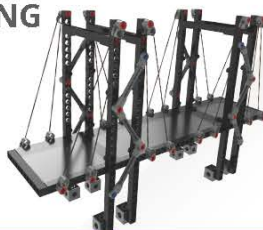


**#7410**

**STRUCTURAL ENGINEERING  
BRIDGES & SKYSCRAPERS**

PATENT NO.:

ZL 2017 3 0030703.3



**#7446**

**OFF-ROAD ROVERS**

PATENT NO.:

D191855

201830061525.5

201830061624.3



**#7080**

**ULTRA BIONIC BLASTER**

PATENT NO.:

111117906

202210537559.2



**#7335RR**

**REMOTE  
CONTROL MACHINES**

PATENT NO.:

201220529335.9

M447793



**#7071R**

**ROLLER COASTER  
ENGINEERING**

PATENT NO.:

I752807

202110391444.2



## SMART BRICKS

**#7072**

**KIDS FIRST  
CODING & ROBOTICS**

PATENT NO.:

M563908





## ROBOTICS

### #7395R

MINI GYRO

PATENT NO.:  
D176473



### #7409

GECKOBOT

PATENT NO.:  
I581844  
ZL 2016 2 0128428.9  
US 9,731,209 B1



### #7435

AIR-WALKER

PATENT NO.:  
I675689



### #7434

THE AMAZING  
TIGHTROPE-  
WALKING GYROBOT

PATENT NO.:  
I701068

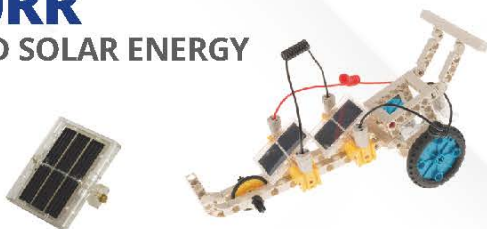


## LEARNING LAB

### #1240RR

LIGHT AND SOLAR ENERGY

PATENT NO.:  
I244790



## PANEL SERIES

### #T036R

JUMBO BASE GRID

PATENT NO.:  
I510275  
D168632  
ZL 2014 1 0080367.9



## GREEN ENERGY

### #7323

WATER POWER

PATENT NO.:  
ZL 2009 1 0129397.3  
I361713  
US8303365B2  
10 2010 003 101  
US6,824,353 B2



### #7430R

WIND POWER 4.0

PATENT NO.:  
D205038  
6002098  
201911214230.7



## TEACHING AID

### #1187

MATH TOWER 3D

PATENT NO.:  
I664009  
M573242  
201830590048.1  
201821712902.8



### #1407

GEOMETRIC BUILDING KIT

PATENT NO.:  
US7,438,623 B2

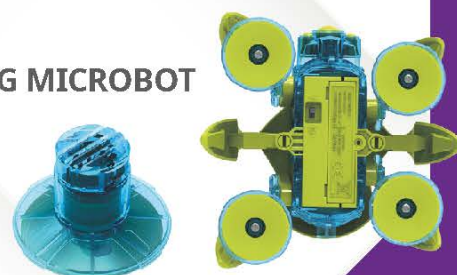


## CREATIVE GIFT

### #7067-1

GRAVITY BUG:  
FREE-CLIMBING MICROBOT

PATENT NO.:  
I738500





# WHAT'S NEW



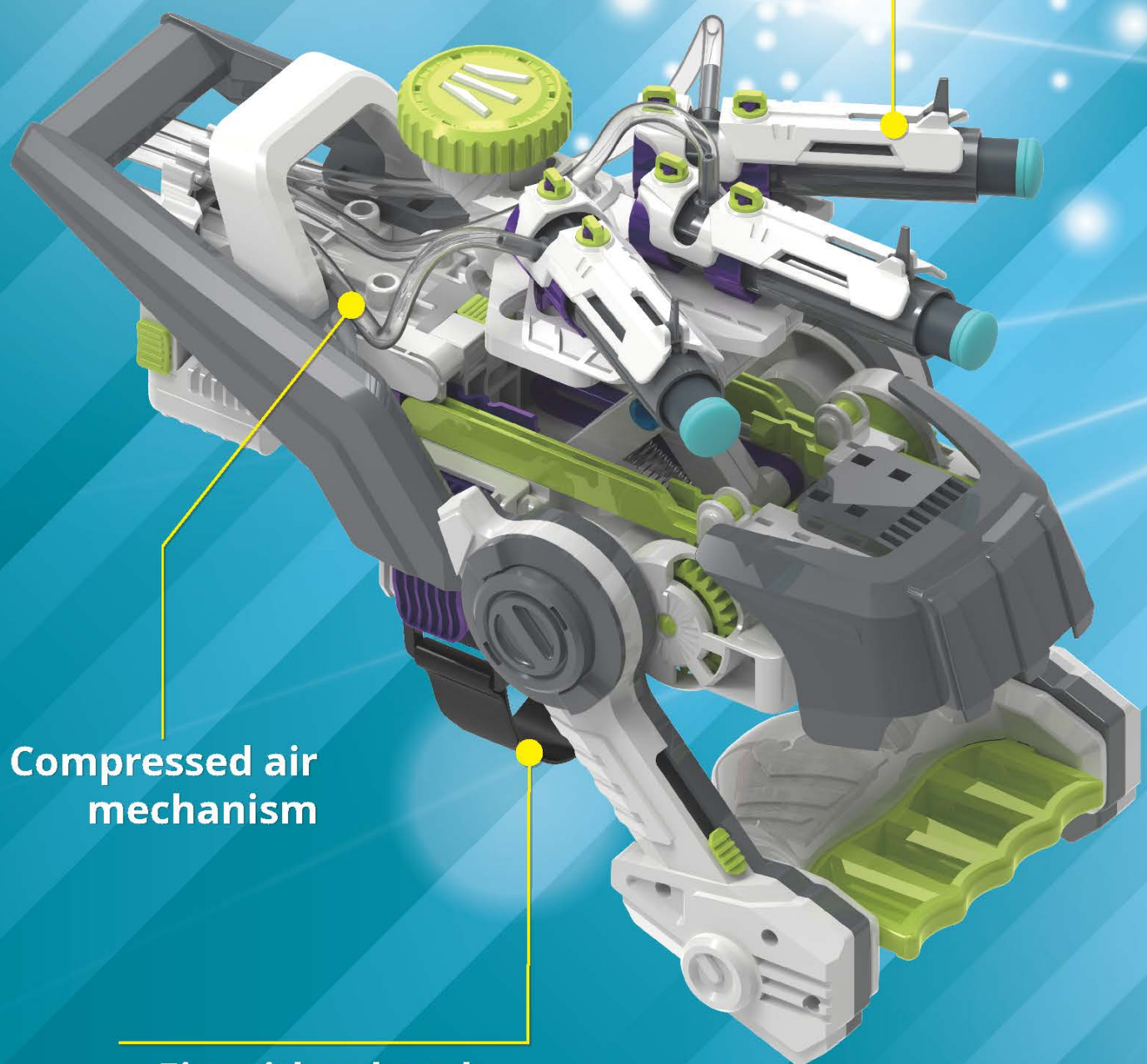




#7267R  
**AMUSEMENT PARK  
ENGINEER KIT**



Adjustable angle of  
spread up to 60°



Compressed air  
mechanism

Fits either hand



# What's New



#7080

**ULTRA BIONIC  
BLASTER**



# WHAT'S NEW



**NEWTON'S APPLE:  
TIGHTROPE-WALKING  
GYROBOT**







# JUNIOR ENGINEER

Easy-to-Handle & Put Together

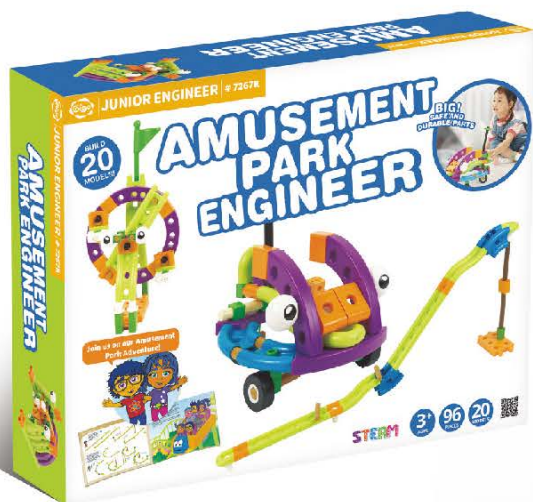




# #7267R AMUSEMENT PARK ENGINEER KIT



20  
models  
96 PCS



**SERIES:** Junior Engineer  
**Age:** 3+  
**Item Size:** 370×295×70 mm



4 716503 026718

## FEATURES

- New redesign of the popular roller coaster car.
- Build 20 different models: bumper car, tram, waterslide, merry-go-round, roller coaster, and more.
- Improves manual dexterity and coordination.
- Learn about amusement parks and how rides work.
- Play with gravity and learn about acceleration.
- Includes straight and curved slopes that can be quickly and easily reconfigured.

\*Under development, the content may vary after official launch.





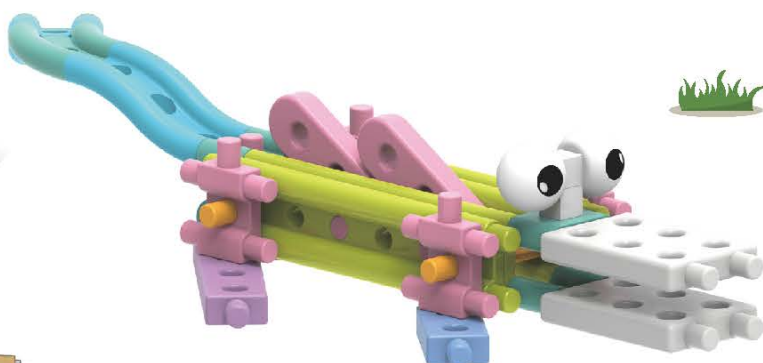
## Easy-to-Handle & Put Together





# #7371 ZOO TRACK

20  
models  
58 PCS



A4 44 PAGES (DIGITAL 52 PAGES)

**SERIES:** Junior Engineer

**Age:** 3+

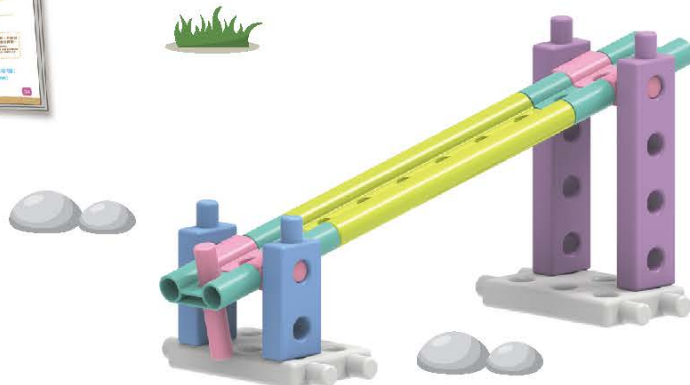
**Item Size:** 370×170×240 mm

6 sets/3.44 cuft/1 1.23 kgs

718×382×355 mm



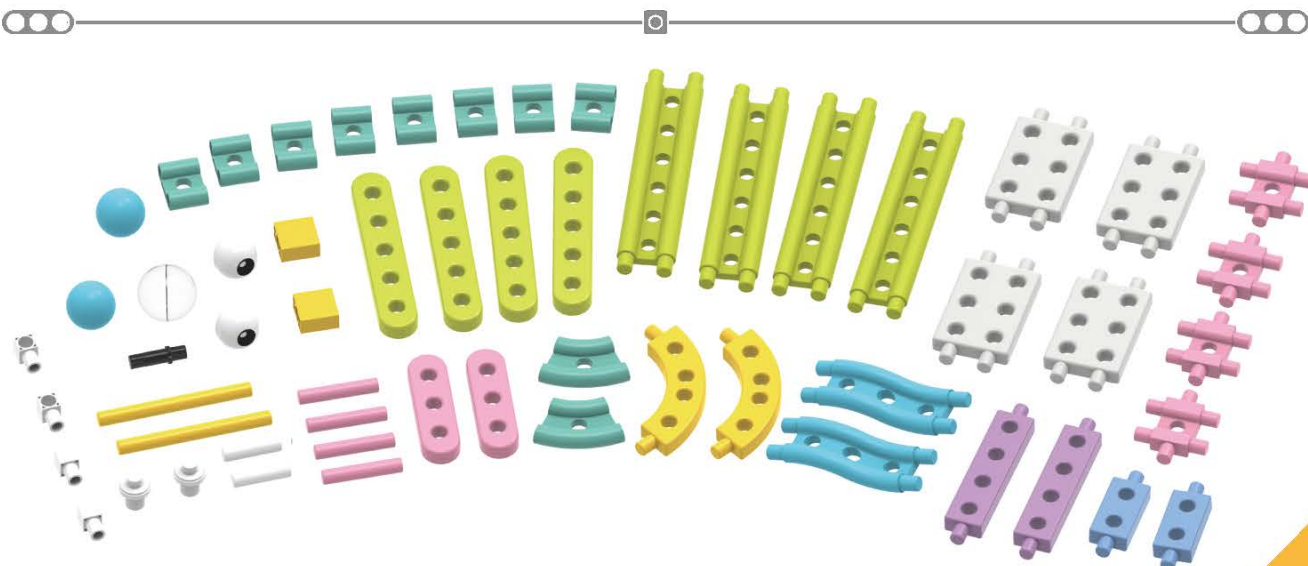
4 716503 073712



BALL TRACK

## FEATURES

- Build 7 cute animals and 13 tracks, combining them to make the ultimate zoo!
- Illustrated English and Chinese story book provides a source of encouragement and creativity.
- Bright macaroon inspired color system.
- Movable pupils make eyeballs life-like. Children will enjoy exploring emotional expression through role-play.
- Two small balls and one capsule ball are included for children to discover the mysteries of weight, speed and gravity.





# JUNIOR ENGINEER

Easy-to-Handle & Put Together

## #7268 ROBOTS

10  
models  
53 PCS



A4 48 PAGES

**SERIES:** Junior Engineer  
**Age:** 3+  
**Item Size:** 370×170×240 mm

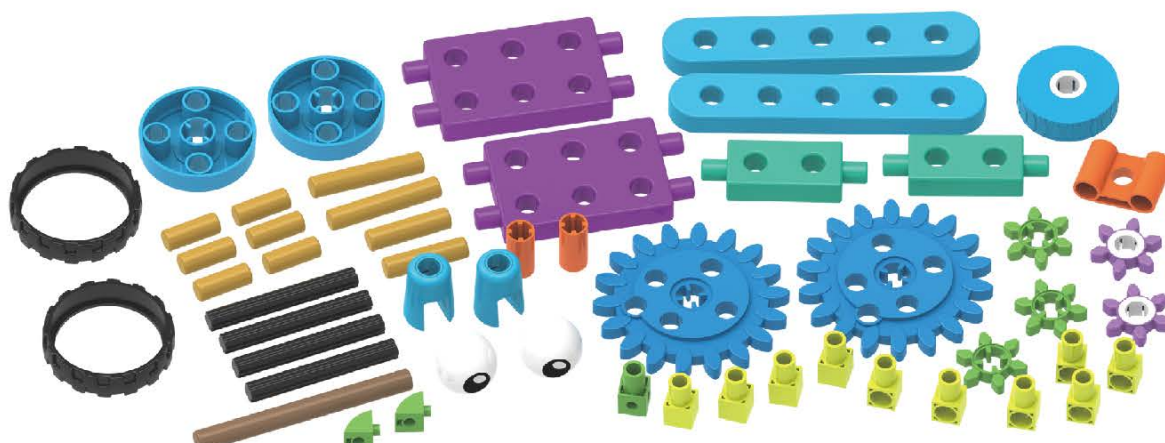
4 sets/2.30 cuft/6.59 kgs

479×382×355 mm



### FEATURES

- ▶ You can build 10 fun robot models, each with individual and entertaining movements.
- ▶ There is an illustrated English and Chinese story book provided to encourage and guide children's creativity.
- ▶ Improve children's recognition of shapes and colors.
- ▶ Improve children's eye-hand coordination and brain development.
- ▶ The movable pupils make the eyeball look life-like. Children can train their expressive skills by role-playing.





# #7263 CARS

10  
models  
70 PCS



A4 48 PAGES

**SERIES:** Junior Engineer

**Age:** 3+

**Item Size:** 370×170×240 mm

4 sets/2.30 cuft/7.25 kgs

479×382×355 mm



## FEATURES

- You can build 10 fun car models, each with individual and entertaining movements.
- There is an illustrated English and Chinese story book provided to encourage and guide children's creativity.
- Improve children's recognition of shapes and colors.
- Improve children's eye-hand coordination and brain development.
- The movable pupils make the eyeball look life-like. Children can train their expressive skills by role-playing.





# JUNIOR ENGINEER Easy-to-Handle & Put Together

#7264 PLANES

10  
models  
73 PCS



A4 48 PAGES



**SERIES:** Junior Engineer

**Age:** 3+

**Item Size:** 370×170×240 mm

4 sets/2.30 cuf/7.13 kgs

479×382×355 mm



## FEATURES

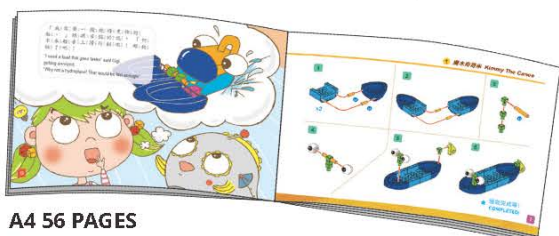
- You can build 10 fun airplane models, each with individual and entertaining movements.
- There is an illustrated English and Chinese story book provided to encourage and guide children's creativity.
- Improve children's recognition of shapes and colors.
- Improve children's eye-hand coordination and brain development.
- The movable pupils make the eyeball look life-like. Children can train their expressive skills by role-playing.





# #7269 BOAT ENGINEER

10  
models  
52 PCS



A4 56 PAGES



**SERIES:** Junior Engineer

**Age:** 3+

**Item Size:** 370×170×240 mm

4 sets/2.30 cuft/7.19 kgs

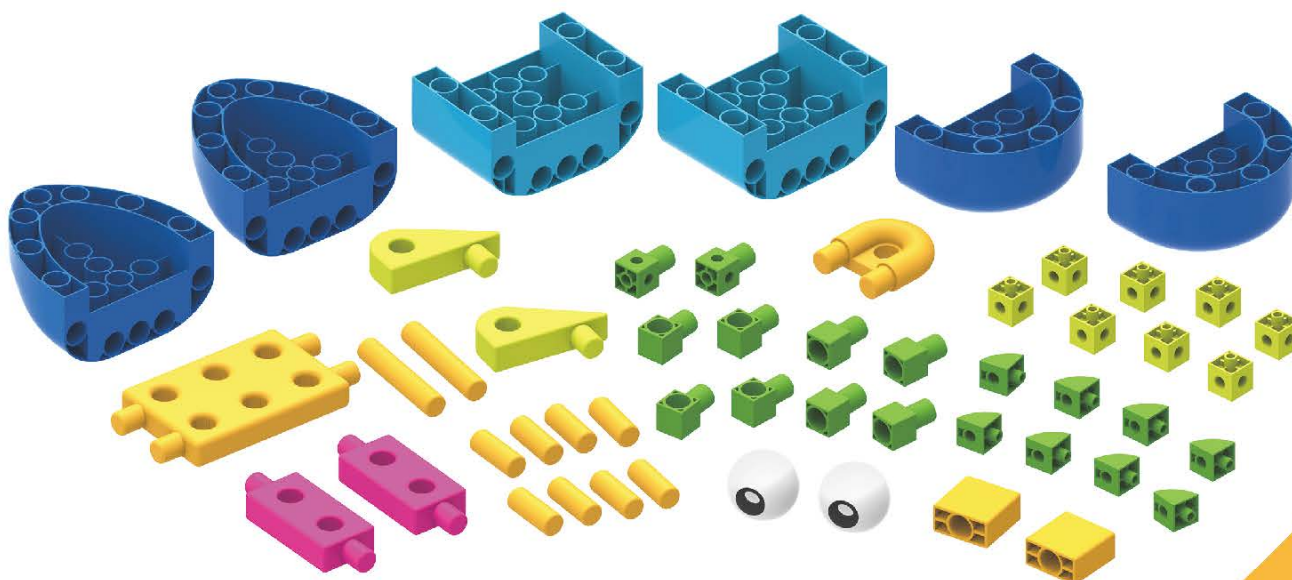
479×382×355 mm



4 716503 072692

## FEATURES

- ▶ You can build 10 different amusing and well-designed boats that really can sail on water.
- ▶ There is an illustrated English and Chinese story book provided to encourage and guide children's creativity.
- ▶ Improve children's recognition of shapes and colors.
- ▶ Improve children's eye-hand coordination and brain development.
- ▶ The movable pupils make the eyeball look life-like. Children can train their expressive skills by role-playing.

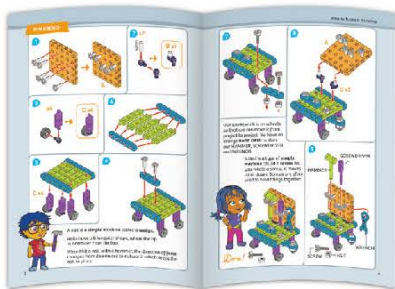




# JUNIOR ENGINEER Easy-to-Handle & Put Together

#7078 INTRO TO TOOLS & BUILDING

6  
models  
47 PCS



A5 12 PAGES

**SERIES:** Junior Engineer

**Age:** 3+

**Item Size:** 370×295×70 mm

6 sets/2.01 cuft/7.83 kgs

442x397x324 mm

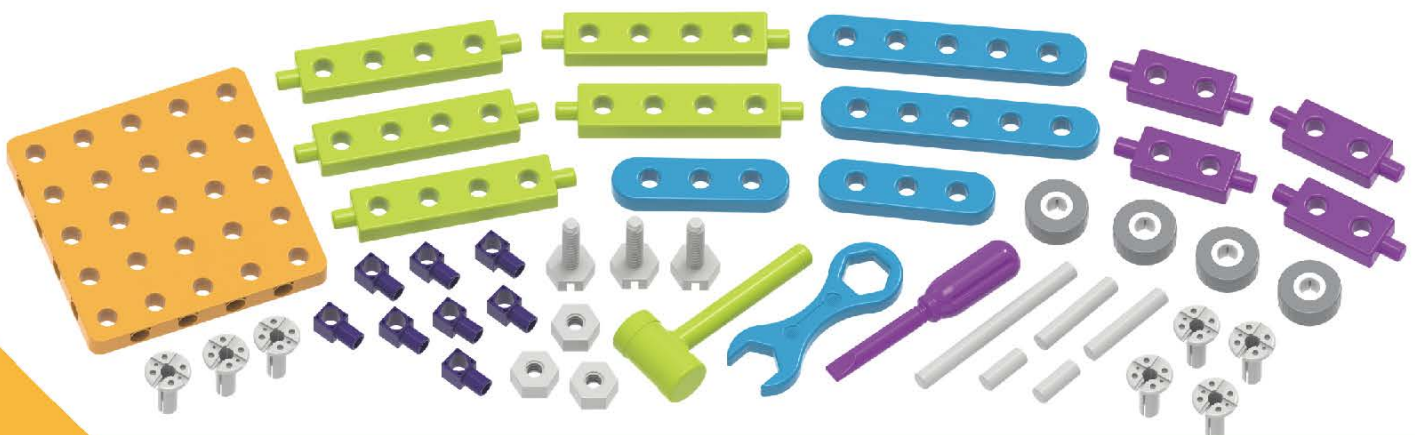


4 716503 070780



## FEATURES

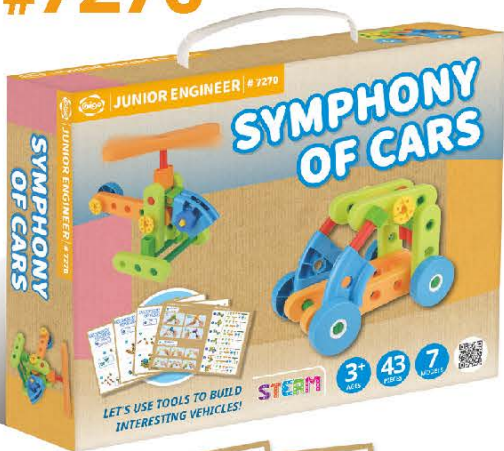
- ▶ Instructions for building 6 different models: workbench, race car, house, airplane, scissors, tool box and more bonus models for endless possibilities for open-ended creative play.
- ▶ Develop fine motor skills, mechanical engineering skills, visual-spatial skills, and reasoning and concept development skills.
- ▶ Unique and engaging way to introduce simple engineering concepts to young children.
- ▶ Large, durable plastic parts are perfect for small hands and safe to use.







# #7270 SYMPHONY OF CARS



7  
models  
43 PCS



A4 4 WORKING CARDS/BAG



**SERIES:** Junior Engineer  
**Age:** 3+  
**Item Size:** 370×290×85 mm

6 sets/2.32 cuf/6.72 kgs

527x388x321 mm



4 716503 072708

## FEATURES

- ▶ 7 cute models enable children to start getting into the world of vehicles.
- ▶ Junior Engineer beginners can learn basic operations with useful tools.
- ▶ Easy to handle and put together which encourages children's eye-hand coordination.
- ▶ The in-built cardboard tool holder is exciting for children because it gives them their own work space .

\*The contents, including the specifications and colours may vary from the pictures on the packaging.



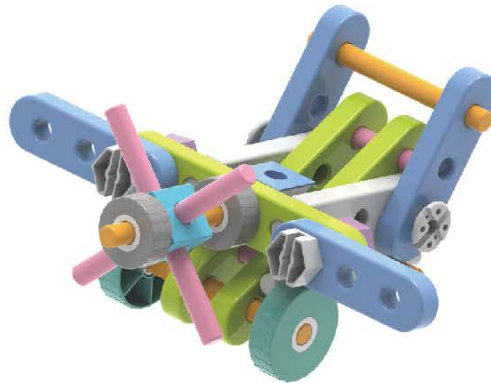


# JUNIOR ENGINEER

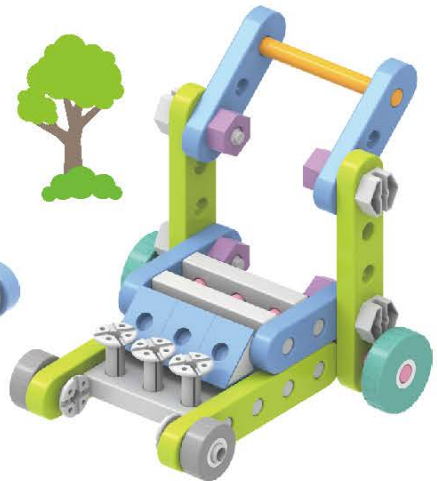
Easy-to-Handle & Put Together

#7458 VEHICLES

45  
models  
79 PCS



A5 24 PAGES



**SERIES:** Junior Engineer

**Age:** 2+

**Item Size:** 370×170×240 mm

6 sets/3.44 cuft/12.11 kgs

718×382×355 mm

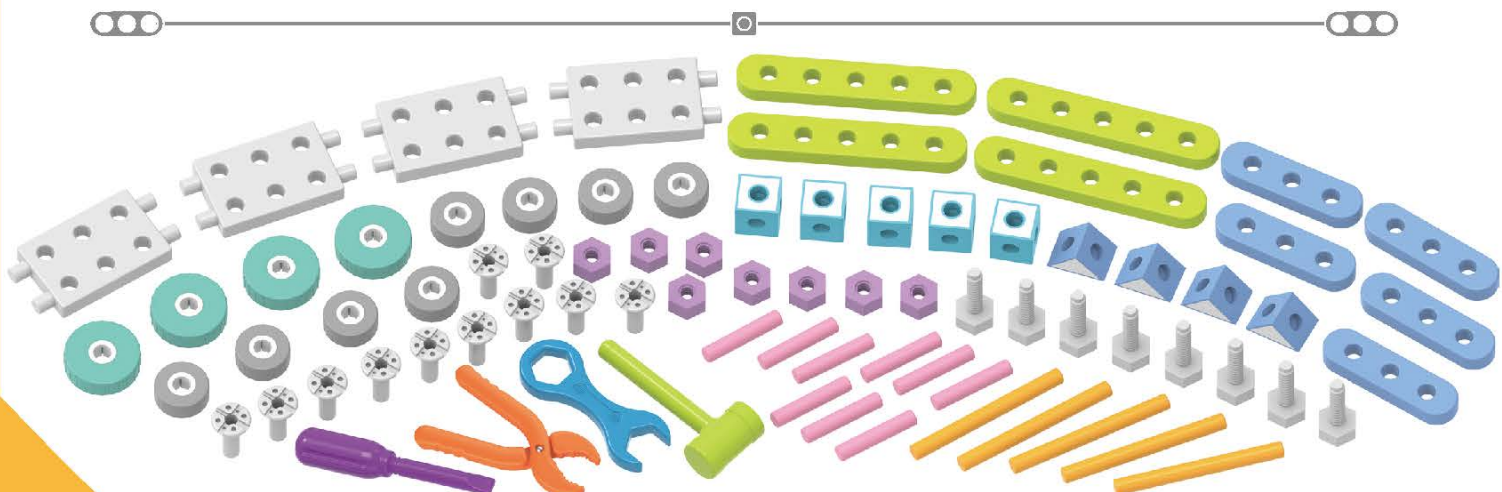


4 716503 074580

## FEATURES

- ▶ Build 45 different models - vehicles, construction machines and buildings - combining them to make the traffic kingdom!
- ▶ Understand different types of vehicles: sea vehicles, land vehicles and air vehicles.
- ▶ Bright macaroon inspired color system.
- ▶ Learn how wheels work.
- ▶ Best tool for children's self-learning and potential development.

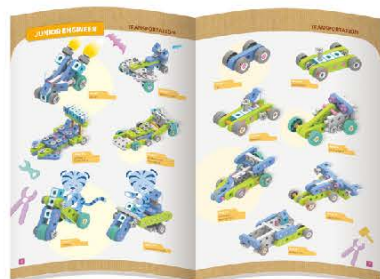
\*The contents, including the specifications and colours may vary from the pictures on the packaging.





# #7459 CONSTRUCTION MACHINE

88  
models  
160 PCS



A4 32 PAGES

**SERIES:** Junior Engineer

**Age:** 2+

**Item Size:** 400×230×390 mm

2 sets/3.07 cuft/9.48 kgs

430×397×509 mm

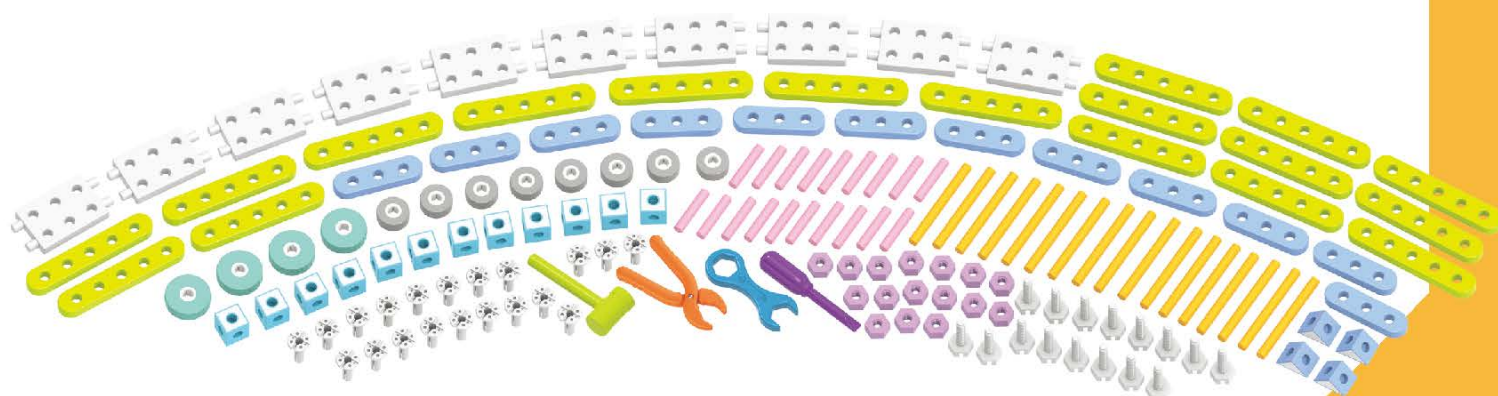


4 716503 074597

## FEATURES

- Build 88 different models - vehicles, construction machines, furniture and buildings - combining them to make the traffic kingdom!
- Bright macaroon inspired color system.
- Learn how wheels work.
- Stimulate imagination by block building with different shapes.
- Large, colorful plastic building pieces make it easy for small hands to put the models together.

\*The contents, including the specifications and colours may vary from the pictures on the packaging.





# JUNIOR ENGINEER Easy-to-Handle & Put Together

## #7423 MINI TOOLS



**SERIES:** Junior Engineer  
**Age:** 1.5+  
**Item Size:** 120×190×60 mm

40 sets/2.41 cuf/7.45 kgs

497×412×333 mm



4 716503 074238

**0**  
models  
4 PCS



### FEATURES

- ▶ Bright macaroon inspired color system.
- ▶ Basic tools for Junior Engineer beginners.
- ▶ Practice using tools with high quality and safe plastic blocks.
- ▶ Improve manual dexterity.

\*The contents, including the specifications and colours may vary from the pictures on the packaging.



180 mm



175 mm



175 mm

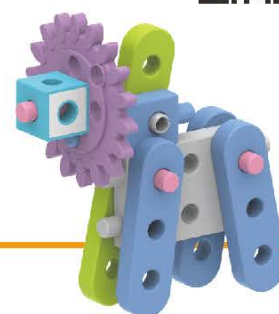


160 mm

## #7457 TOOLS



**24**  
models  
31 PCS



### FEATURES

- ▶ Bright macaroon inspired color system.
- ▶ 24 different models: animals, articles of daily use, vehicles, insects, etc.
- ▶ Easy to assemble and disassemble.
- ▶ Improve recognition of shapes and colors.
- ▶ Actual size picture cards for the components are designed for preschool children.

\*The contents, including the specifications and colours may vary from the pictures on the packaging.



**A4 5 WORKING  
CARDS/BAG**

**SERIES:** Junior Engineer  
**Age:** 1.5+  
**Item Size:** 370×290×80 mm

6 sets/2.32 cuf/6.55 kgs

527×388×321 mm



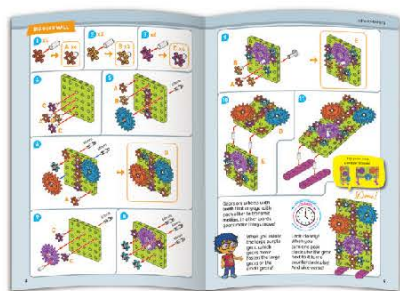
4 716503 074573



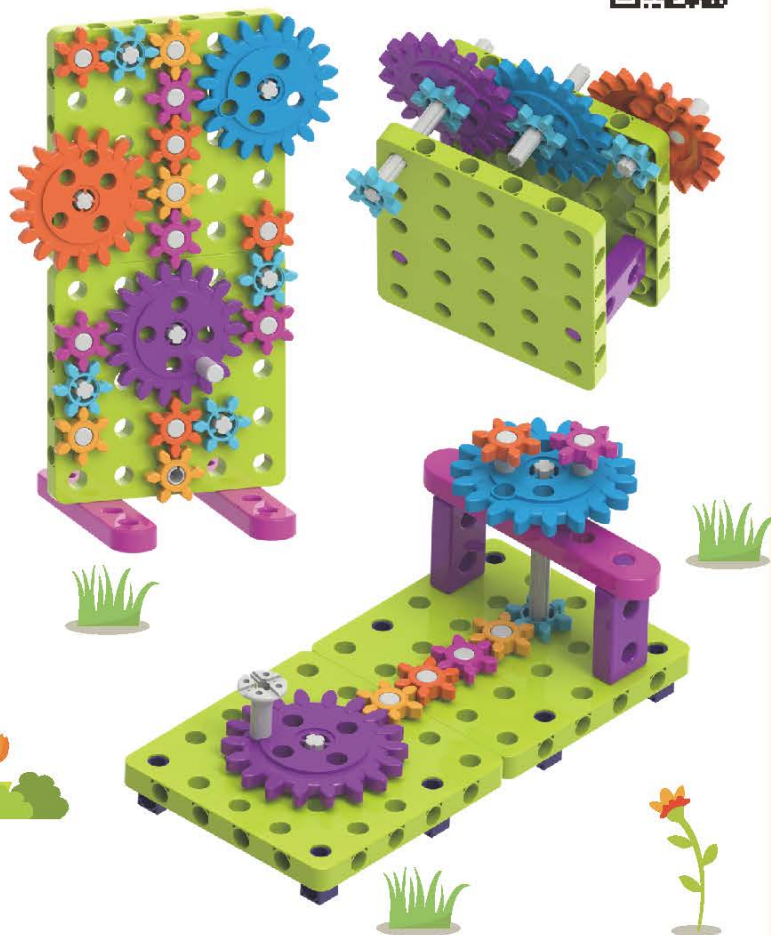


# #7082 INTRO TO GEARS

4  
models  
61 PCS



A5 12 PAGES



**SERIES:** Junior Engineer  
**Age:** 3+  
**Item Size:** 370×295×70 mm

6 sets/2.01 cuft/8.05 kgs

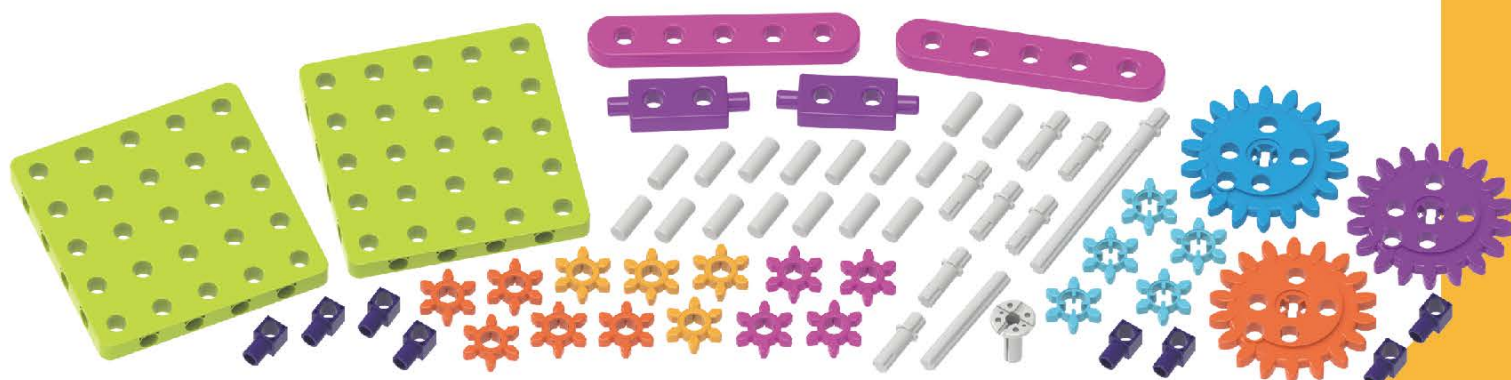
442x397x324 mm



4 716503 070827

## FEATURES

- Instructions for building 4 different gear systems: big gear wall, gears turn a corner, gearbox, spinning wheel and more bonus models for endless possibilities for open-ended creative play.
- Develops fine motor skills, mechanical engineering skills, visual-spatial skills, and reasoning and concept development skills.
- Unique and engaging way to introduce simple engineering concepts to young children.
- Large, durable plastic parts are perfect for small hands and safe to use.





# JUNIOR ENGINEER Easy-to-Handle & Put Together

#7460 MAGIC GEARS

32  
models  
62 PCS



A5 20 PAGES



**SERIES:** Junior Engineer

**Age:** 2+

**Item Size:** 370×170×240 mm

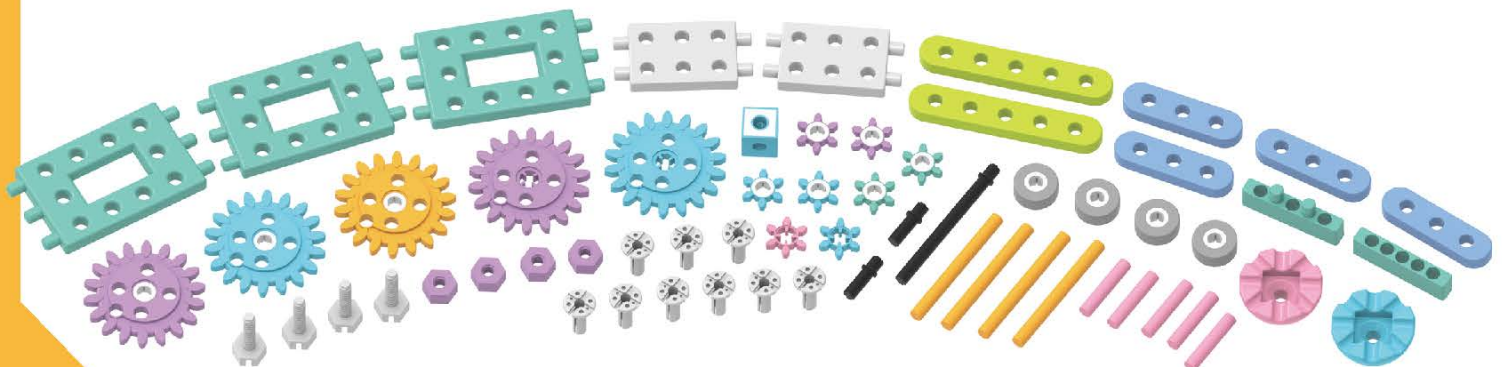
6 sets/3.44 cuft/11.71 kgs

718×382×355 mm



## FEATURES

- Bright macaroon inspired color system.
- Machines recognition with basic gear transmit knowledge.
- Improve recognition of shapes and colors.
- Develop basic motor skills.





# #7461 GEAR UP

72  
models  
110 PCS



A4 32 PAGES



**SERIES:** Junior Engineer

**Age:** 2+

**Item Size:** 400×230×390 mm

2 sets/3.07 cuft/8.48 kgs

430×397×509 mm



4 716503 074610

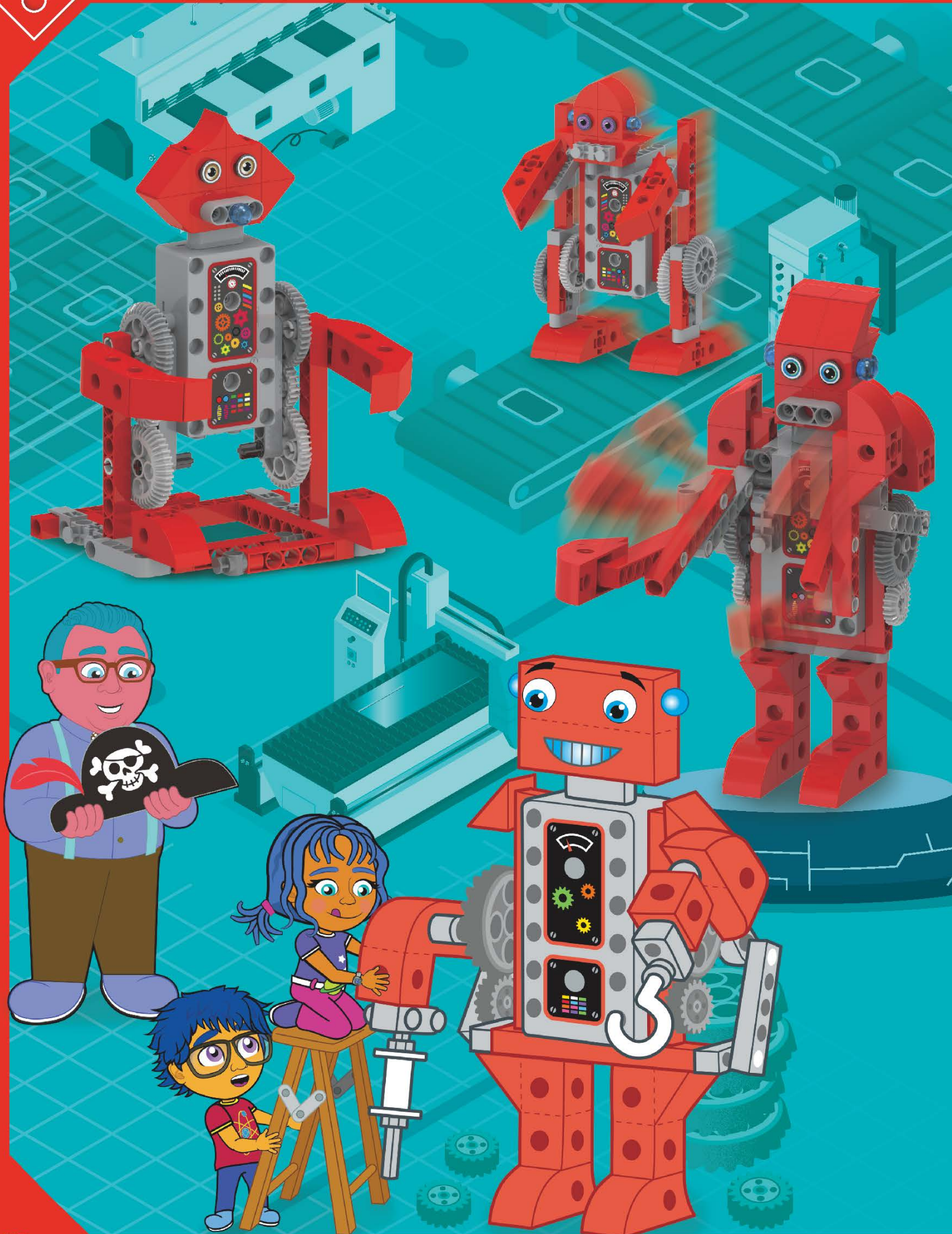
## FEATURES

- ▶ Bright macaroon inspired color system.
- ▶ Machine recognition from basic to senior gear level.
- ▶ Develops self-learning and logical thinking.
- ▶ Provides a foundation for basic technical thinking.

\*The contents, including the specifications and colours may vary from the pictures on the packaging.





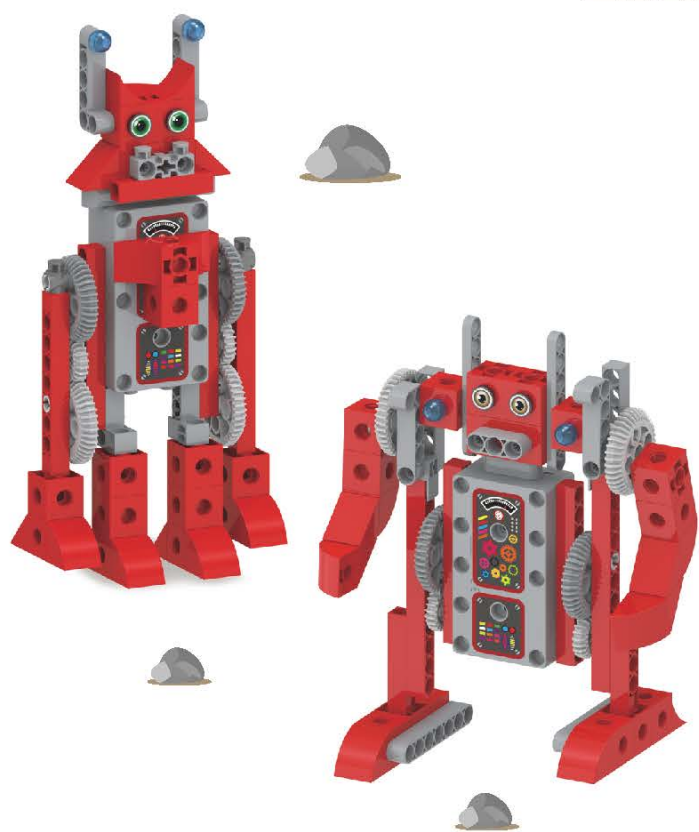






# #7449 ROBOT FACTORY

8  
models  
117 PCS



A4 36 PAGES

**SERIES:** Story Line  
**Age:** 5+  
**Item Size:** 255×280×65 mm

4 sets/0.85 cuft/2.67 kgs

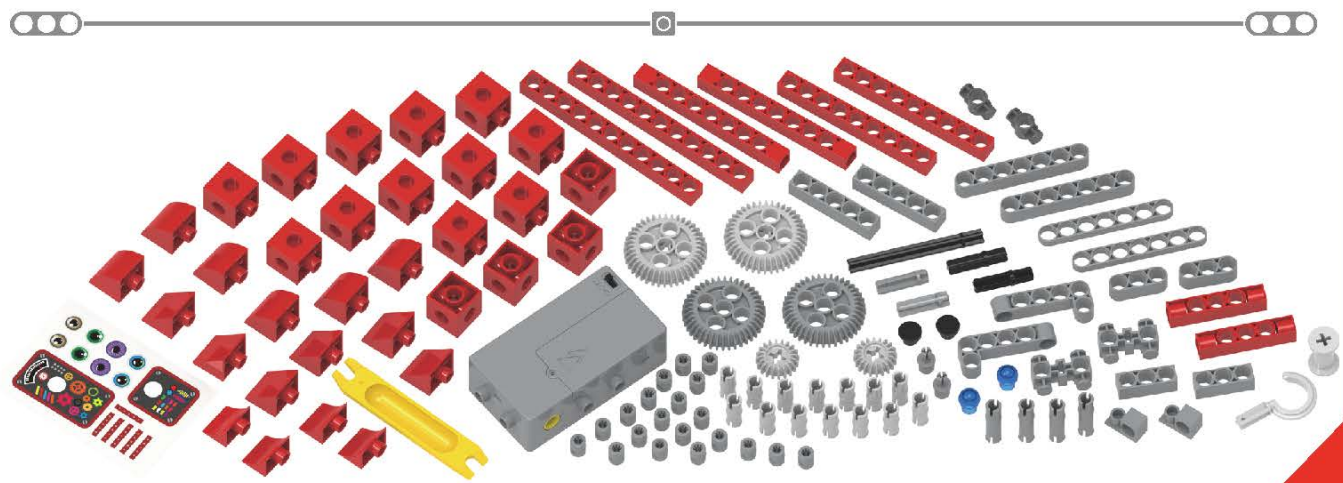
285×273×306 mm



4 716503 074498

## FEATURES

- ▶ Classic wacky moving robots.
- ▶ Learn simple mechanics involving motors, gears, and other mechanical components to make robots move the way you want.
- ▶ Develop mechanical engineering, reasoning, and visual-spatial skills.
- ▶ Understand the development lifecycle.
- ▶ Requires 2 AA/LR06 batteries - not included.





## #7450 ROBOT PET SHOP

8  
models  
108 PCS



A4 36 PAGES

**SERIES:** Story Line

**Age:** 5+

**Item Size:** 255×280×65 mm

4 sets/0.85 cuft /2.50 kgs

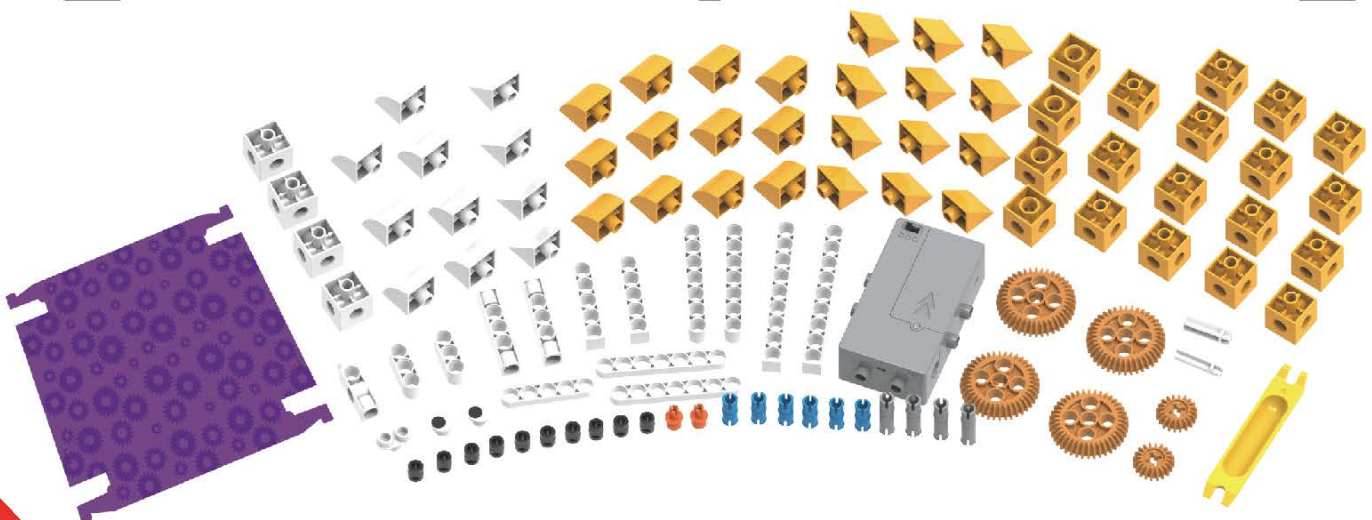
285x273x306 mm



4 716503 074504

### FEATURES

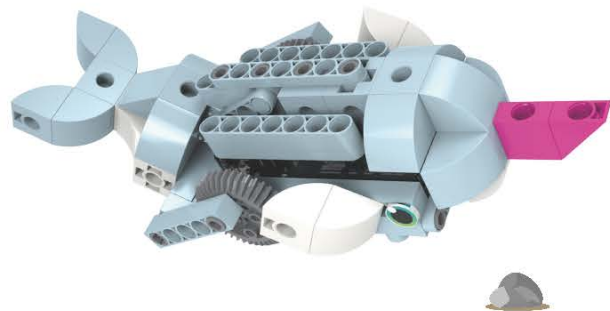
- ▶ Funny and adorable moving animals.
- ▶ Use simple mechanical principles to build moving models.
- ▶ Instructions are included for building 8 lovable animals like Rabbit, French Bulldog, Cat, Turtle, Owl, Sloth, Panda, and Chameleon.
- ▶ Sturdy, battery driven-motor that forms a convenient base for construction.
- ▶ Requires 2 AA/LR06 batteries - not included.





# #7431 ROBOT SAFARI

8  
models  
146 PCS



A4 36 PAGES

**SERIES:** Story Line

**Age:** 5+

**Item Size:** 255×280×65 mm

4 sets/0.85 cuft/2.81 kgs

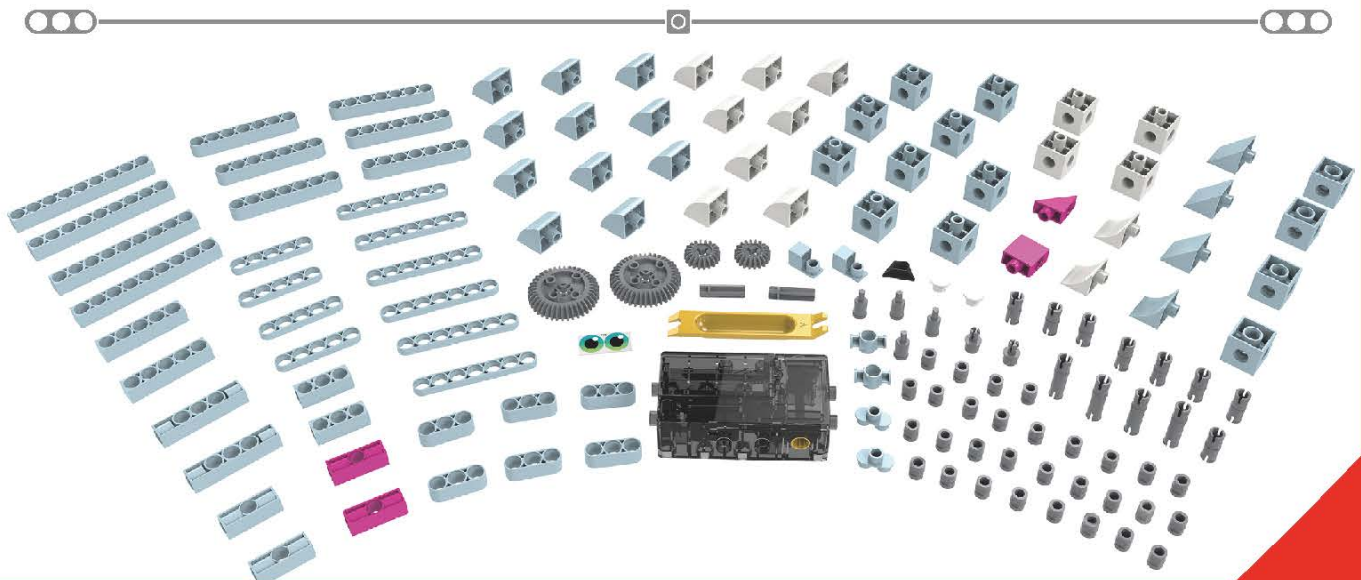
285×273×306 mm



4 716503 074313

## FEATURES

- ▶ Theme-oriented blocks boost children's creativity and imagination.
- ▶ Learn about different movements of simple mechanics.
- ▶ Gear motor with built-in battery box.
- ▶ 8 wild animals are specially designed with different movements.
- ▶ Requires 2 AA/LR06 batteries - not included.





## #7424 DINO PARK

7  
models  
120 PCS



A4 40 PAGES



**SERIES:** Story Line

**Age:** 3+

**Item Size:** 150×295×150 mm

6 sets/1.76 cuft /4.56 kgs

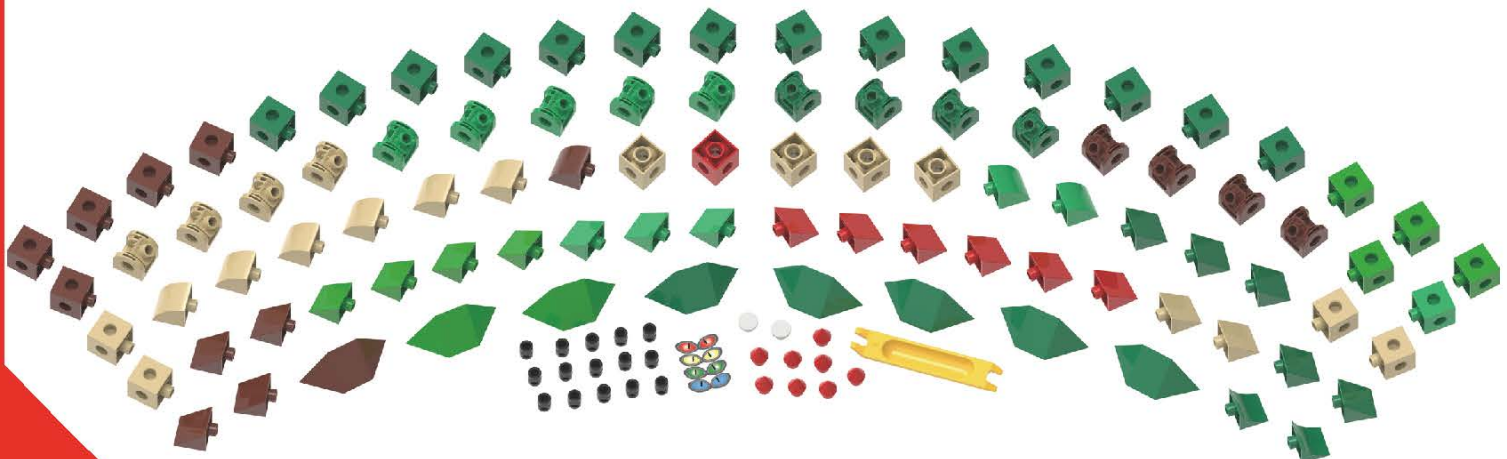
479×327×318 mm



4 716503 074245

### FEATURES

- Theme-oriented blocks boost children's creativity and imagination.
- The six-sided connectable cube can make almost unlimited 3D variations.
- Child-friendly.
- 7 lively dinosaurs are specially designed with patented joint that makes vivid moves.





# #7425 HEAVY VEHICLES

10  
models  
120 PCS



A4 36 PAGES



4 716503 074252

SERIES: Story Line

Age: 3+

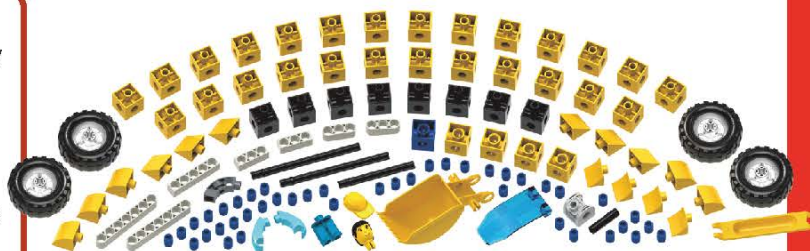
Item Size: 150×295×150 mm

6 sets/1.76 cuft/4.23 kgs

479×327×318 mm

## FEATURES

- ▶ Theme-oriented blocks boost children's creativity and imagination.
- ▶ The six-sided connectable cube can make almost unlimited 3D variations.
- ▶ Child-friendly.
- ▶ 10 commonly seen engineering vehicles are specially designed with patented joint that allows slight adjustment for arm and active play.



# #7426 SPEED CHASER

10  
models  
120 PCS



A4 36 PAGES



4 716503 074269

SERIES: Story Line

Age: 3+

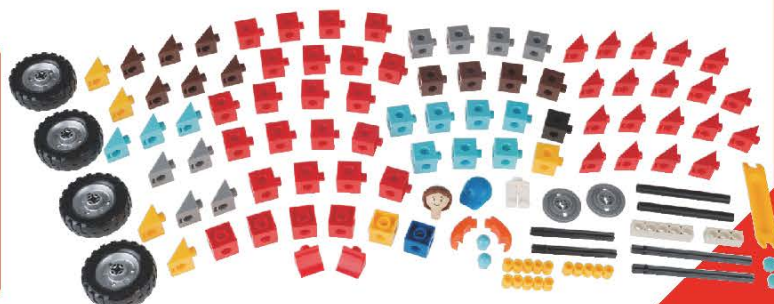
Item Size: 150×295×150 mm

6 sets/1.76 cuft/4.38 kgs

479×327×318 mm

## FEATURES

- ▶ Theme-oriented blocks boost children's creativity and imagination.
- ▶ The six-sided connectable cube can make almost unlimited 3D variations.
- ▶ Child-friendly.
- ▶ 10 traffic cars/crafts are specially designed so propellers and wheels are moveable.





## #7417 CARS MINI



A4 SHEET



24  
models  
51 PCS



**SERIES:** Story Line

**Age:** 3+

**Item Size:** 140×130×50 mm

60 sets/2.35 cuft/12.95 kgs

527×412×306 mm



4 716503 074177



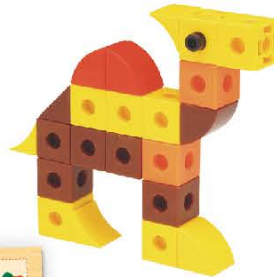
### FEATURES

- Theme-oriented blocks boost children's creativity and imagination.
- The six-sided connectable cube can make almost unlimited 3D variations.
- Child-friendly.
- 24 vehicles are specially designed.

## #7419 ANIMALS MINI



A4 SHEET



20  
models  
63 PCS



**SERIES:** Story Line

**Age:** 3+

**Item Size:** 140×130×50 mm

60 sets/2.35 cuft/12.20 kgs

527×412×306 mm



4 716503 074191



### FEATURES

- Theme-oriented blocks boost children's creativity and imagination.
- The six-sided connectable cube can make almost unlimited 3D variations.
- Child-friendly.
- 20 animals are specially designed.

## #7420 DINO MINI



A4 SHEET



20  
models  
71 PCS



**SERIES:** Story Line

**Age:** 3+

**Item Size:** 140×130×50 mm

60 sets/2.35 cuft/12.92 kgs

527×412×306 mm



4 716503 074207



### FEATURES

- Theme-oriented blocks boost children's creativity and imagination.
- The six-sided connectable cube can make almost unlimited 3D variations.
- Child-friendly.
- 20 dinosaurs are specially designed.





# #7372 CREATIVE WORLD



Build  
**40**  
models at the  
same time

40  
models  
888 PCS



A4 8 PAGES

**SERIES:** Story Line

**Age:** 3+

**Item Size:** 450×300×100 mm

4 sets/2.75 cuft /7.84 kgs

473×430×382 mm



4 716503 073729

## FEATURES

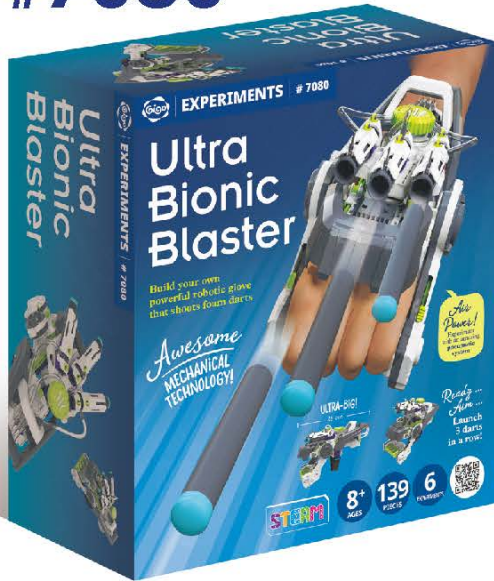
- ▶ Explore the five themes (animals, oceans, birds, plants, transportation), and guide children to understand the wonders of the world.
- ▶ 40 cute models enable children to start knowing orangutans, parrots, sharks, racing cars, etc.
- ▶ Develop a natural interest in building while unleashing imagination and creativity.



ADD-ON



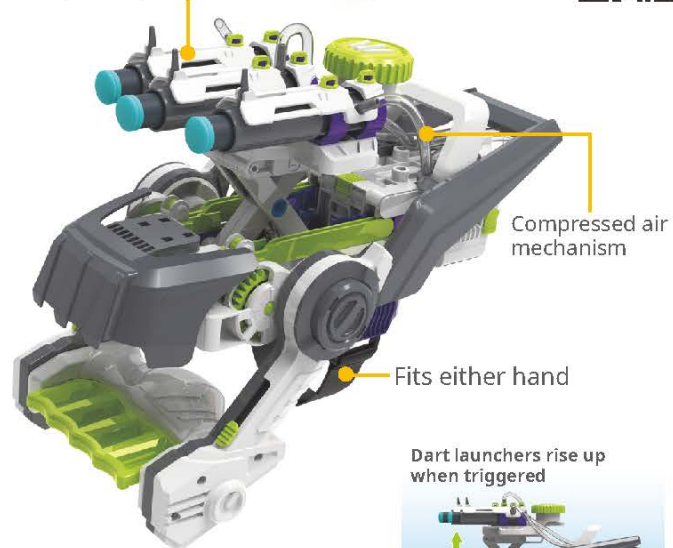
## #7080 ULTRA BIONIC BLASTER



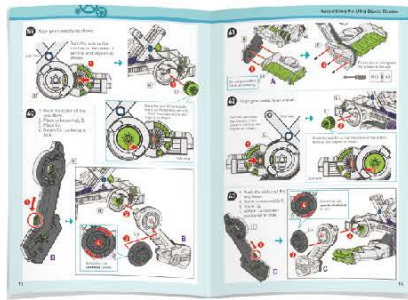
Adjustable angle of spread up to 60°



6  
experiments  
139 PCS



Dart launchers rise up when triggered



A5 28 PAGES

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 255×280×120 mm

6 sets/2.20 cuft/5.97 kgs

530x382x306 mm



4 716503 070803

Turn the dial to widen your dart blast angle!

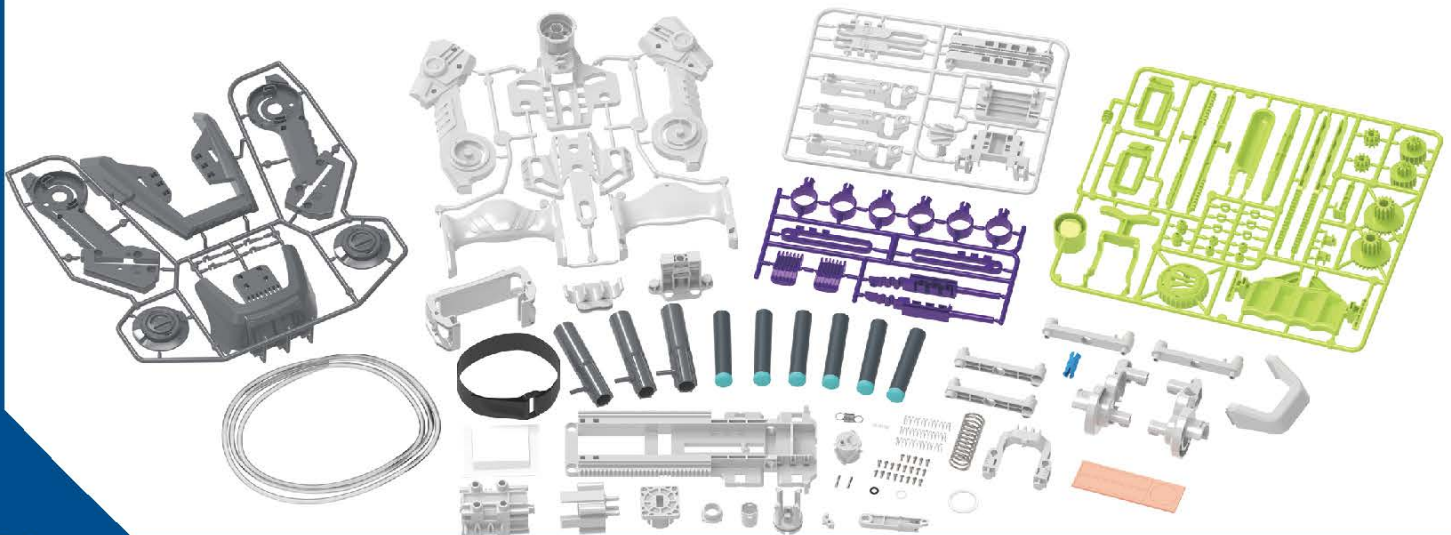


Load and fire three darts in a row



### FEATURES

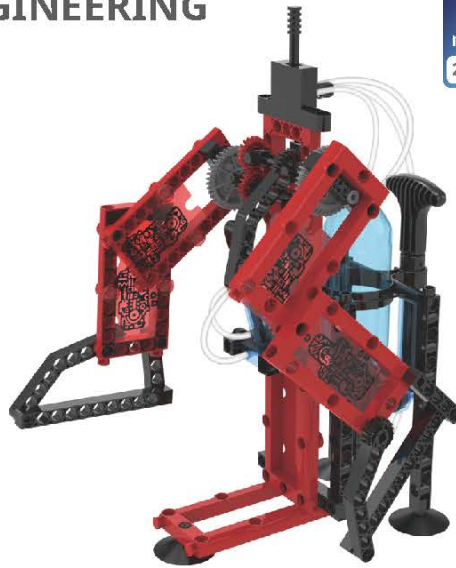
- Build a pneumatic glove that launches foam darts.
- Learn about pneumatics and the physics of air pressure.
- Adjusts to fit almost any hand size.





# #7411 MECHANICAL ENGINEERING ROBOTIC ARMS

6  
models  
204 PCS



A4 40 PAGES

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 370×290×80 mm

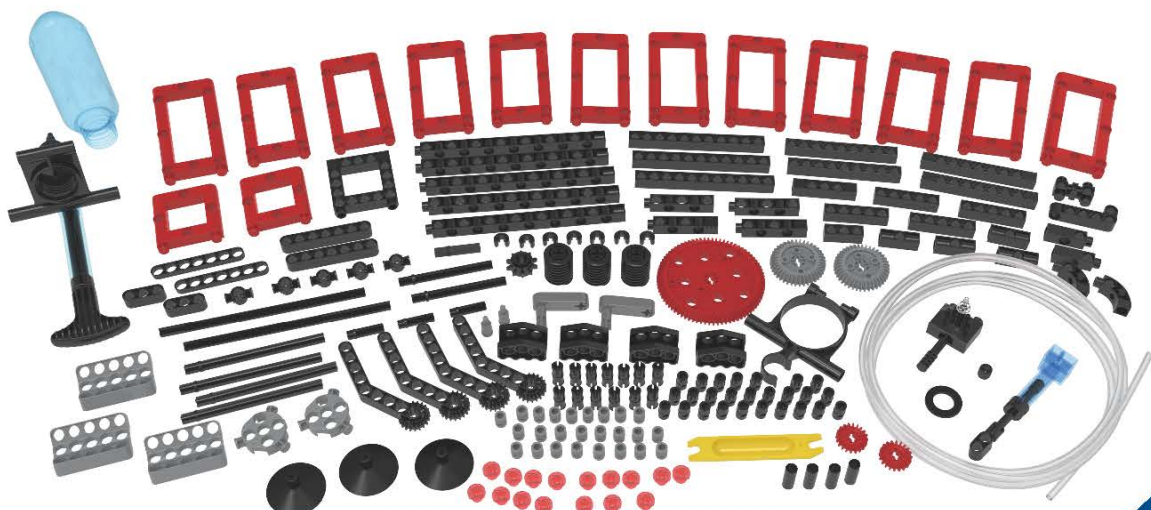
5 sets/2.10 cuft/ 6.61 kgs

485x388x315 mm



## FEATURES

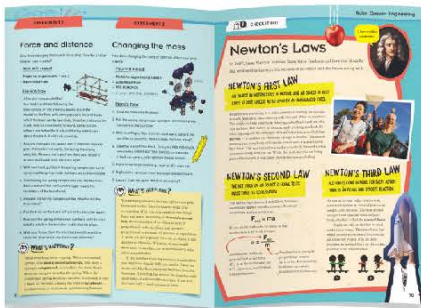
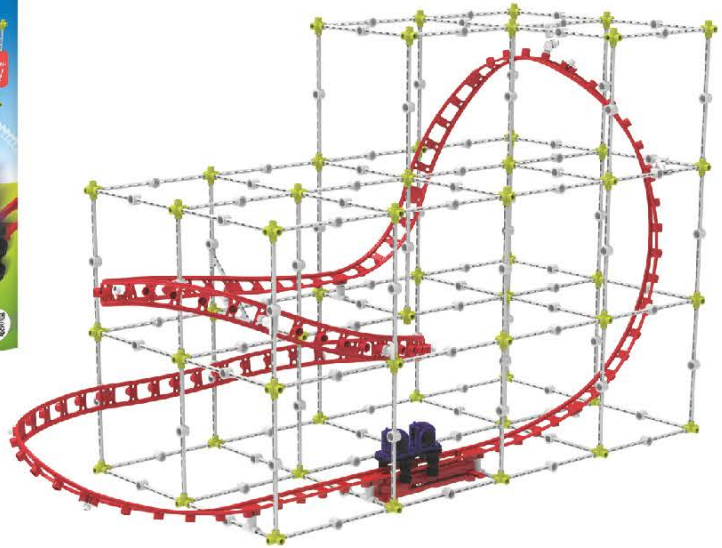
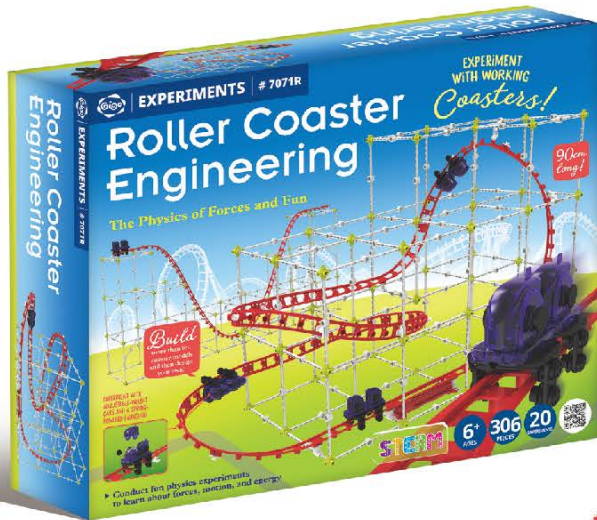
- Instruction to build 6 pneumatic models.
- Includes a pressure air tank with integrated pneumatic pump, an air-piston, air tubes and an air-valve switch.
- The grabber claw has multi-configuration abilities.
- Contoured frames give the robotic arm model a realistic look and feel.





## #7071R ROLLER COASTER ENGINEERING

20  
experiments  
306 PCS



A4 36 PAGES



Model operation video

- Add coins to change the weight.
- Connect 2 carts to run different experiments.

**SERIES:** Experiments  
**Age:** 6+  
**Item Size:** 370×290×80 mm

5 sets/1.83 cuft/6.76 kgs

424x388x315 mm



4 716503 007113

### FEATURES

- Design and build your own working roller coaster models.
- Conduct hands-on physics experiments to learn about force, motion, and energy.
- Conduct gravitational acceleration experiments with different coin weights and record the outcomes.
- Plastic building system is durable, easy-to-assemble, and reusable.





## #7432 ARCHITECTURAL ENGINEERING



A4 48 PAGES

**SERIES:** Experiments

**Age:** 8+

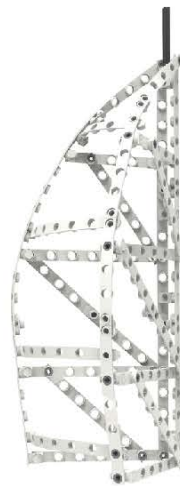
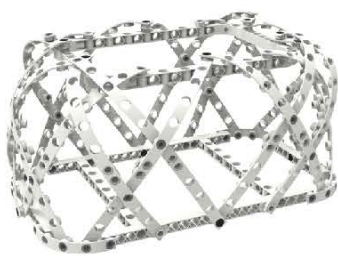
**Item Size:** 370×290×80 mm

5 sets/1.83 cuft/5.88 kgs

424x388x315 mm



4 716503 074320

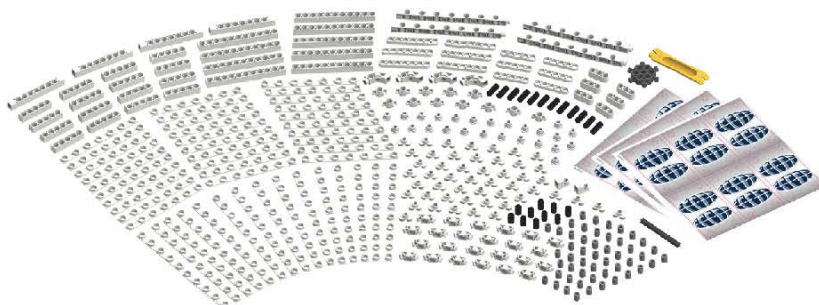


26  
experiments  
308 PCS



### FEATURES

- ▶ Modern architecture structural engineering.
- ▶ New flexible structure system that makes organic shapes possible.
- ▶ Includes manual for more than 8 models: stadium domes, Ferris wheels, high towers, modern hotels, famous buildings, etc.



## #7410 STRUCTURAL ENGINEERING BRIDGES & SKYSCRAPERS



A4 48 PAGES

**SERIES:** Experiments

**Age:** 8+

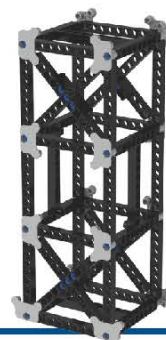
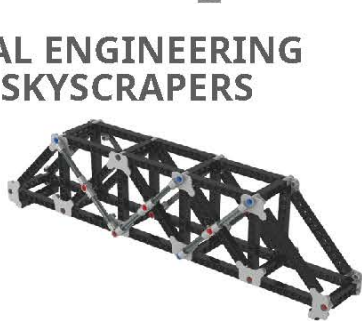
**Item Size:** 370×290×80 mm

5 sets/1.83 cuft/7.22 kgs

424x388x315 mm



4 716503 074108

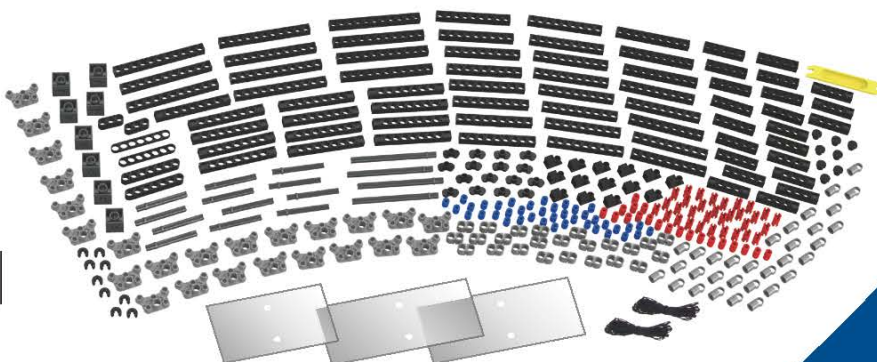


25  
models  
323 PCS



### FEATURES

- ▶ 20 experiments plus 5 more challenge experiments demonstrate a basic principle of mechanical physics or structural engineering.
- ▶ Learn about basic structural elements including columns, beams, trusses, plates, arches, shells, and catenaries.
- ▶ Explore the forces acting on structural components including tension, compression, shear, and torsion.
- ▶ Experiment with different types of bridge construction: a truss bridge, arch bridge, suspension bridge, and cable-stayed bridge.





## #7401R SAIL CAR



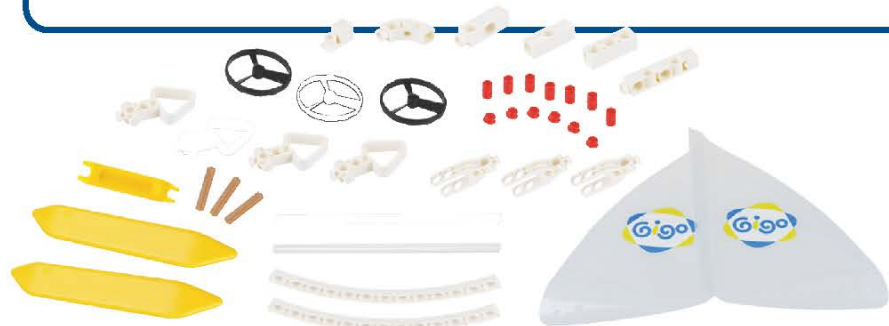
A5 20 PAGES

6  
models  
40 PCS



### FEATURES

- Special designed sail/Low friction wheels/Curved prolate rods/ Hollow tubes.
- Children will understand the principle of kinetic energy and sailing.
- 6 models: sail car, wind catcher car, two kinds of sailboats, wind direction indicator and mini glider.



**SERIES:** Experiments

**Age:** 8+

**Item Size:** 220×280×65 mm

5 sets/0.85 cuft/1.82 kgs

336×233×306 mm



4 716503 040110

## #7402R ULTRA LIGHT AIRPLANE



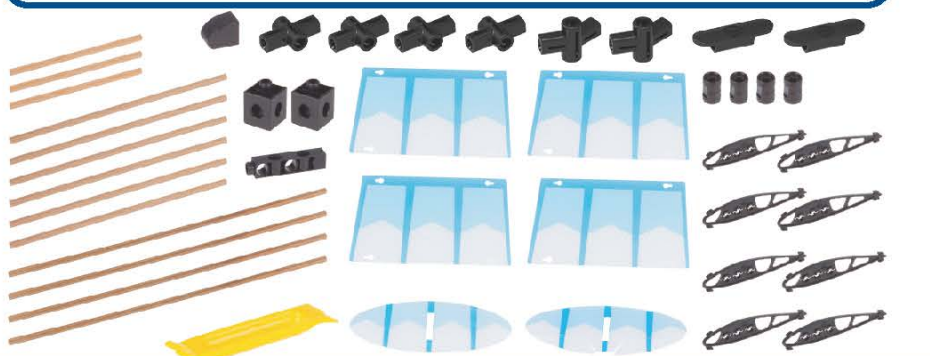
A5 20 PAGES

5  
models  
44 PCS



### FEATURES

- The ultra light kits consist of a number of bamboo dowel rods, multi connectors, wing profile components, light weight airfoil ribs and specially designed tail wing stabilizers.
- Explore the world of airplanes, especially gliders.
- 5 experiments and alternative models included.



**SERIES:** Experiments

**Age:** 8+

**Item Size:** 220×280×65 mm

5 sets/0.85 cuft/2.05 kgs

336×233×306 mm

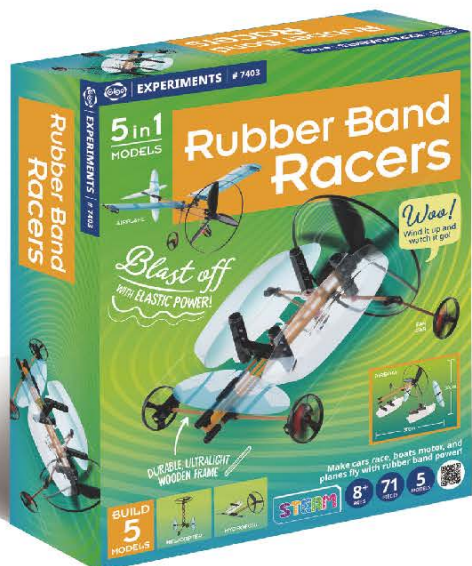


4 716503 040219



# #7403R RUBBER BAND RACERS

5  
models  
71 PCS



A5 24 PAGES

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 220×280×65 mm

5 sets/0.85 cuft/2.23 kgs

336×233×306 mm

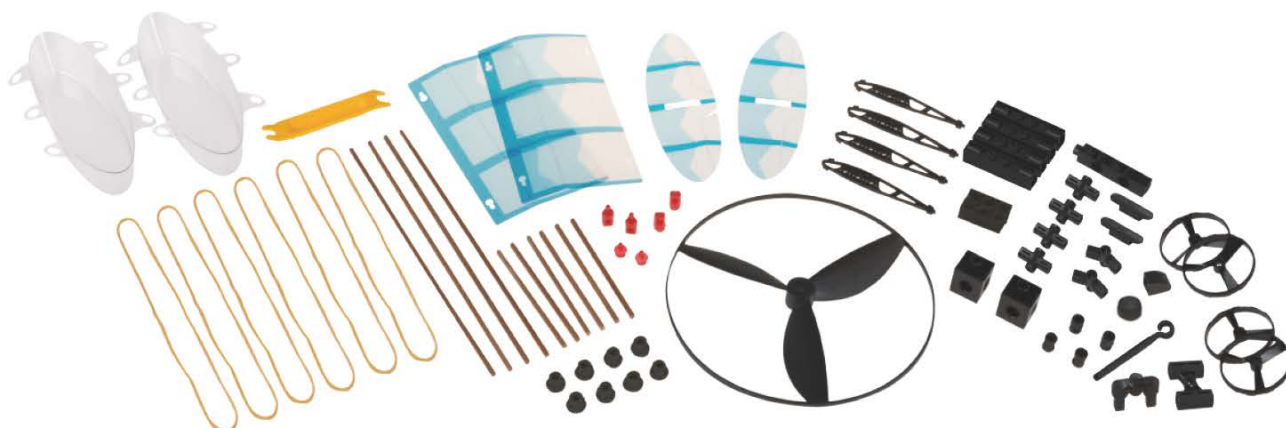


4 716503 040318



## FEATURES

- An all new concept design to demonstrate kinetic elasticity.
- Bamboo is used because it is a sturdy and light material.
- Learn about the propeller principle through different modes of transportation.
- Apply the basic concepts shown in the 5 models to create your own designs.

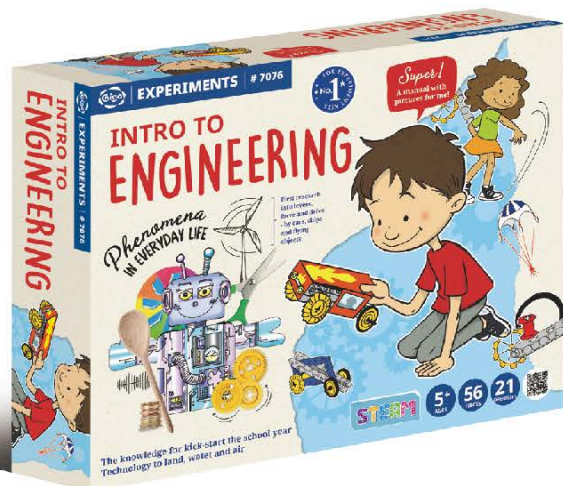


ULTRA LIGHT



## #7076 INTRO TO ENGINEERING

21  
experiments  
56 PCS



A4 52 PAGES

**SERIES:** Experiments

**Age:** 5+

**Item Size:** 370×290×80 mm

5 sets/1.90 cuft/ 4.62 kgs

439x388x315 mm



4 716503 070766

### FEATURES

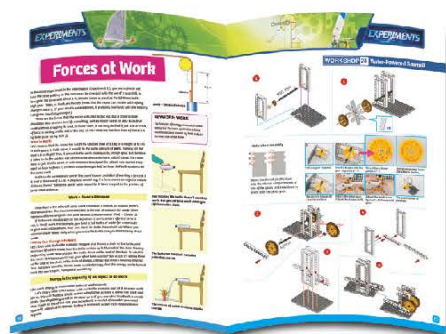
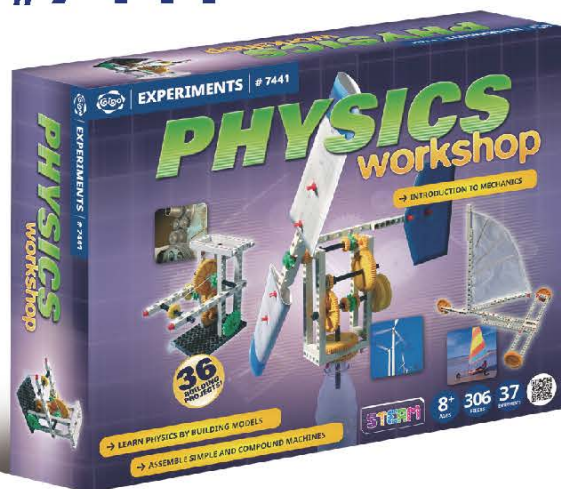
- Quick and easy assembly for novice engineers.
- Bright and clear illustrations guide children through basic scientific and physics principles.
- Explore the world of sea, air and land engineering projects.
- Through 21 experiments explore the principles of leverage, balance, energy conversion, wind power, rotation, gears, tension, buoyancy, and more.
- Use a wide variety of materials in immersive projects ideal for young scientific learners.
- STEAM-based in philosophy and practice.



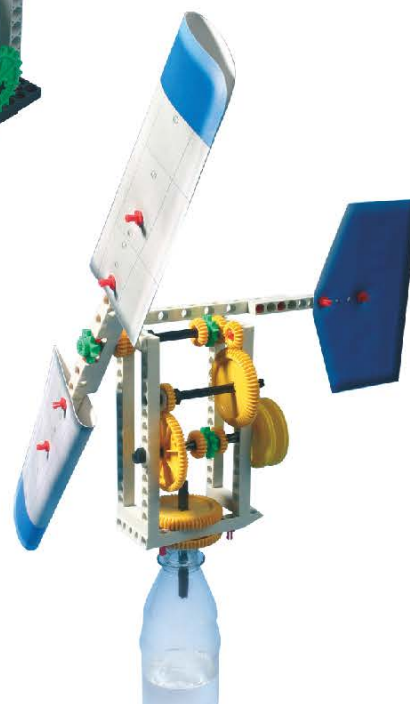
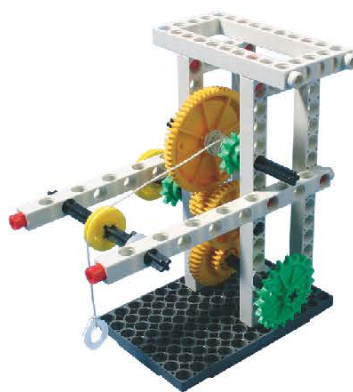


# #7441 PHYSICS WORKSHOP

37  
experiments  
306 PCS



A4 104 PAGES



**SERIES:** Experiments

**Age:** 8+

**Item Size:** 370×290×80 mm

5 sets/1.82 cwt/7.52 kgs

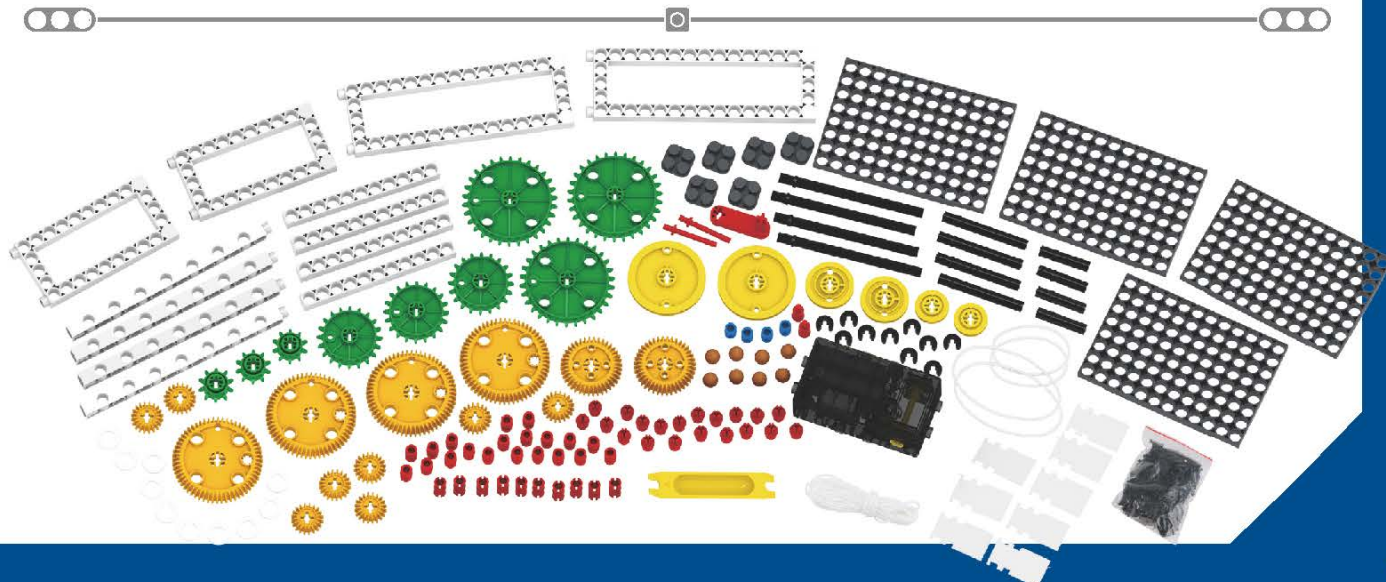
424x385x315 mm



4 716503 074412

## FEATURES

- ▶ 37 experiments allow the children to learn the fundamental laws of mechanical physics, gravity, simple machines, acceleration, momentum and more.
- ▶ Entry level introduction kit to learn real-world physics applications.
- ▶ Die-cut cards make the models more realistic.
- ▶ The motor box increases the torque driving power by 28 times and runs all the models smoothly.
- ▶ Requires 2 AA/LR06 batteries- not included





## #7428R SIMPLE MACHINES

26  
models  
132 PCS



A5 36 PAGES

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 255×280×65 mm

5 sets/1.05 cuft/3.55 kgs

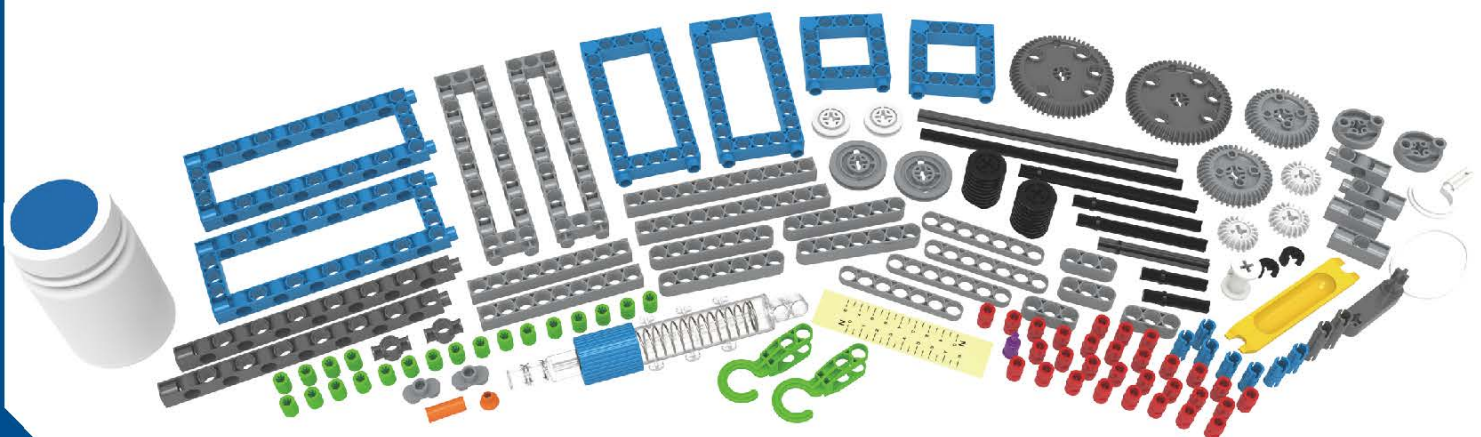
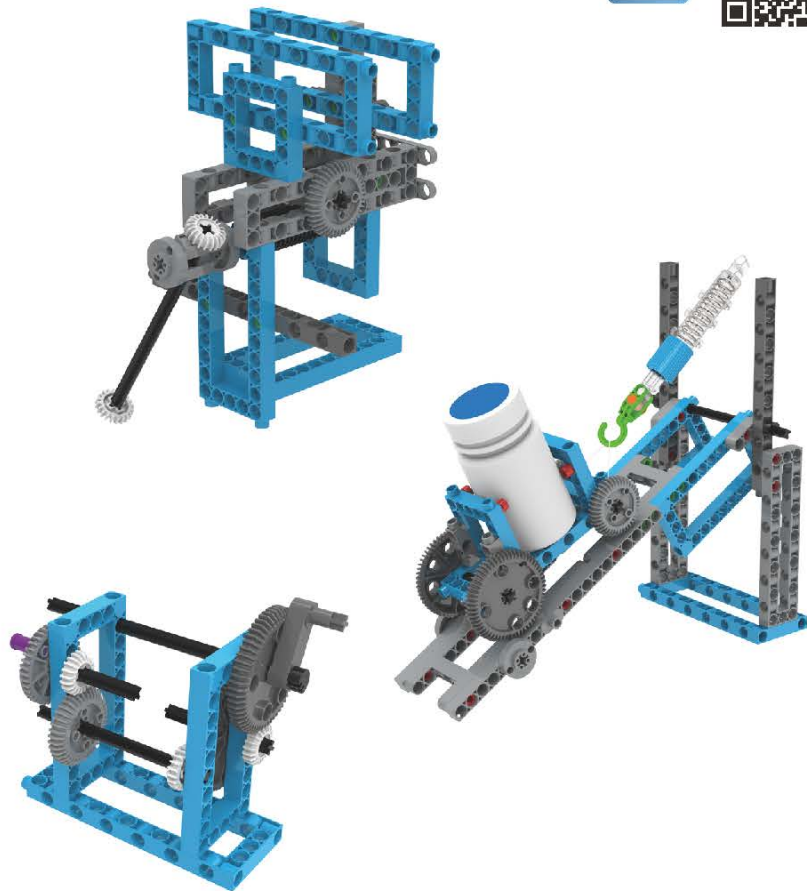
355x273x306 mm



4 716503 042817

### FEATURES

- Learn about basic mechanical functions: planes, gears, levers, wheels & axles, screws, wedges & pulleys.
- Includes a spring weight balance.
- Instruction manual to build 7 models and learning guidance for inspiration.







# #7438R THE BIG ENGINEERING MAKERSPACE

22  
models  
258 PCS



A4 140 PAGES

**SERIES:** Experiments  
**Age:** 8+  
**Item Size:** 420×290×80 mm  
3 sets/1.35 cuft/5.26 kgs  
433x276x318 mm

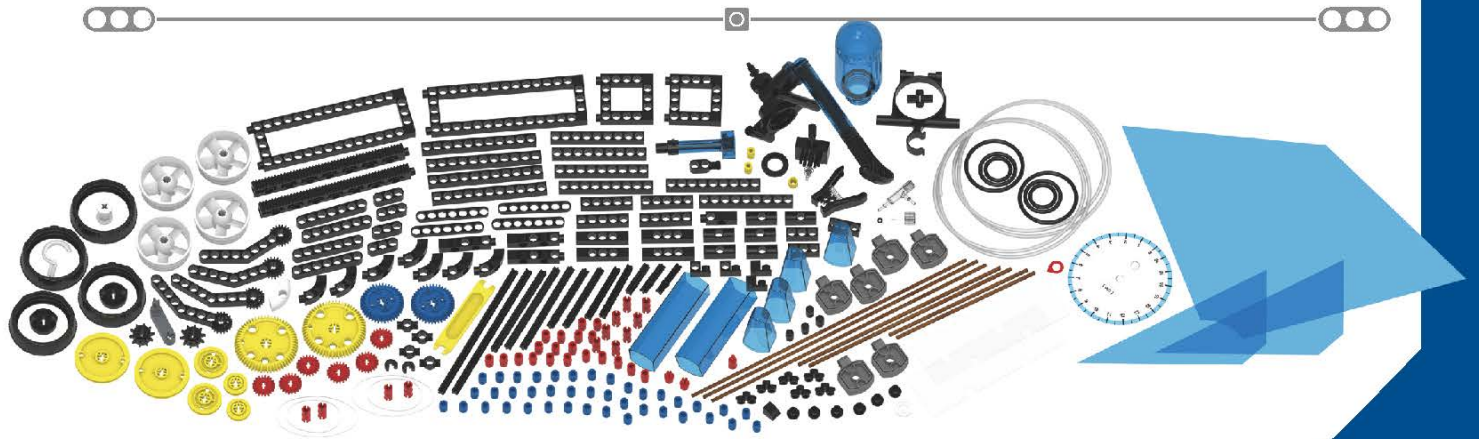


4 716503 043814



## FEATURES

- Discover physical laws with machinery on land, on water, and in the air.
  - Water models of jet boat, submersible submarine, catamaran, and sail car.
  - Land models of dragster, tricycle, automobile brake, automobile suspension, and tower crane.
  - Air models of helicopter, glider, windmill and falling leaf.
  - Engineering models of forklift, spinning top, hydraulic arm, scissor lift and distance measuring tool.
  - Optical devices models of camera stabilizer, tripod, selfie stick and smartphone microscope.
- Explore marine vehicles, submersibles, buoyancy, wind power, rotation, gears, energy conversion, center of gravity, balance, pneumatics, hydraulics, statics, optics and much more.
- Includes water tanks, pneumatic tank & integrated air pump, pneumatic pistons, shifting valves, tubes, structural beams, axels, gears, wheels, foils and more.
- Instruction manual to build 22 models.



MECHANISM

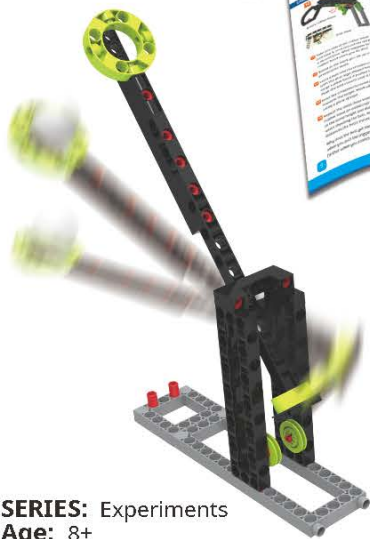


## #7406R CROSSBOWS & CATAPULTS

10  
models  
110 PCS



A5 36 PAGES



**SERIES:** Experiments

**Age:** 8+

**Item Size:** 255×280×65 mm

4 sets/0.85 cuf/2.41 kgs

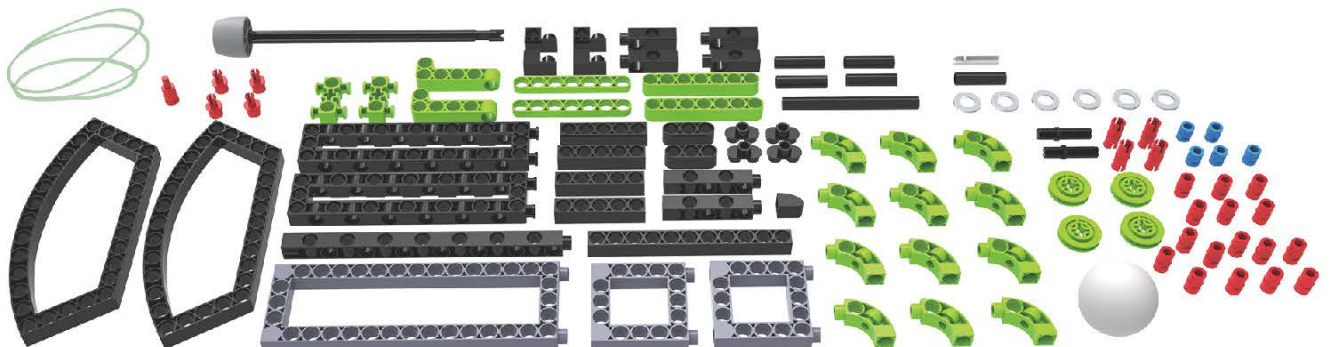
285×273×306 mm



4 716503 040615

### FEATURES

- ▶ Learn the ancient mechanism of siege weapons.
- ▶ Understand basic concepts of physics: force, energy and motion.
- ▶ The safety designed bolt powered by rubber band makes it safe to launch.
- ▶ Observe how the designs and power output have evolved and improved.
- ▶ 10 models: crossbow, trebuchet, catapult, etc.







## #7443 GEARED-UP GADGETS



A5 32 PAGES



5  
models  
114 PCS



**SERIES:** Experiments

**Age:** 6+

**Item Size:** 220×280×65 mm



4 sets/0.72 cuft/1.93 kgs

285x233x306 mm

### FEATURES

- Includes 5 models with the theme of "gears".
- Models use gears and/or rubber bands to move.
- New Propeller design.
- Realistic outer shell designs make the models come alive!



## #7444 KINETIC MACHINES



A5 32 PAGES



5  
models  
108 PCS



**SERIES:** Experiments

**Age:** 6+

**Item Size:** 220×280×65 mm



4 sets/0.72 cuft/2.02 kgs

285x233x306 mm

### FEATURES

- Includes 5 models with the theme of "kinetics".
- Models use rubber bands to move.
- A fist slam launcher accelerates the vehicles to high speeds.
- Realistic outer shell designs make the models come alive!





## #7445 ALIEN ROBOTS



**SERIES:** Experiments

**Age:** 6+

**Item Size:** 255×280×65mm

4 sets/0.85 cuft/2.37 kgs

285×273×306 mm



4 716503 074450

A5 48 PAGES

10  
models  
138 PCS



### FEATURES

- There are 10 models with a reptilian appearance.
- The newly designed claw with rolling and climbing functions make the models more realistic.
- The 28X motor with switch has better torque and faster speed, and can move clockwise and counterclockwise. It is easy and quick to assemble.
- Requires 2 AA/LR06 batteries – not included.

## #7446 OFF-ROAD ROVERS



**SERIES:** Experiments

**Age:** 6+

**Item Size:** 255×280×65mm

4 sets/0.85 cuft/2.52 kgs

285×273×306 mm



4 716503 074467

A5 44 PAGES

10  
models  
118 PCS



### FEATURES

- There are 10 models including belt driven off-road vehicles and machinery.
- The newly designed belt can make crossing obstacles possible.
- The 28X motor with switch has better torque and faster speed, and can move clockwise and counterclockwise. It is easy and quick to assemble.
- Realistic outer shell designs make the models come alive!
- Requires 2 AA/LR06 batteries – not included.





# #7427 TERRAIN WALKERS

8  
models  
134 PCS



A5 48 PAGES

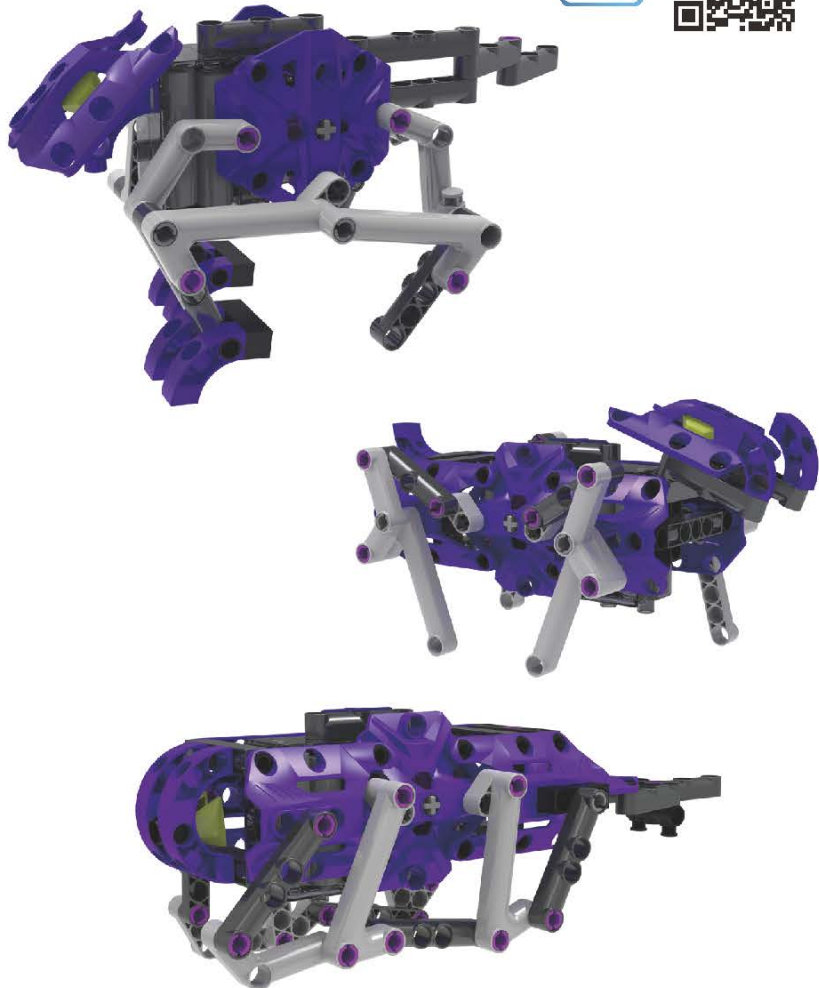
**SERIES:** Experiments  
**Age:** 6+  
**Item Size :** 255×280×65mm

4 sets/0.85 cuft/2.50 kgs

285x273x306 mm

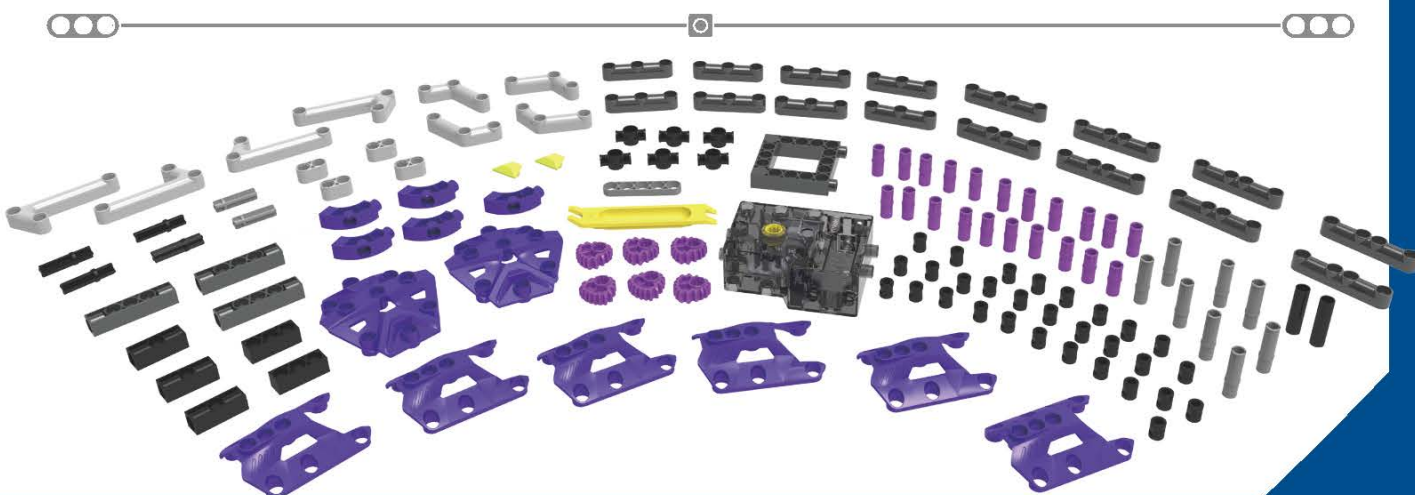


4 716503 074276



## FEATURES

- ▶ Amazing terrain walking robotic creatures.
- ▶ Smart gears control movement and speed.
- ▶ Instruction manual to build 8 models.
- ▶ Requires 2 AA/LR06 batteries – not included



MECHANISM



## #7068 INCREDIBLE INFLATABLE AERO DANCER

5  
experiments  
16 PCS



8 PAGES



**SERIES:** Experiments

**Age:** 8+

**Item Size:** : 220×280×65mm

6 sets/1.05 cuft/2.36 kgs

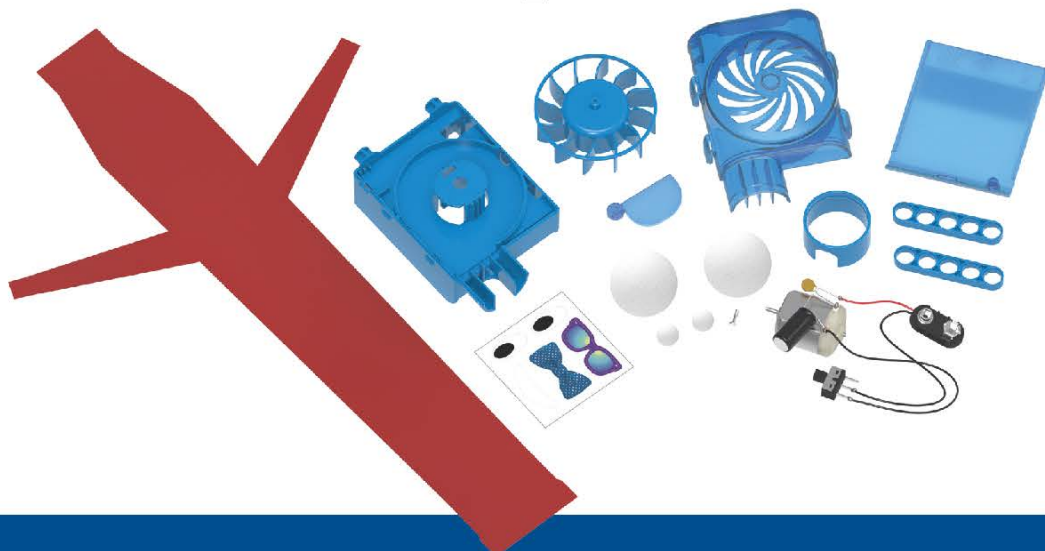
415x233x306 mm



4 716503 070681

### FEATURES

- 5 fun science experiments demonstrate the Bernoulli principle.
- Play and learn through fun experiments involving air dancers, shooting contests, air-shifters, bouncing rings, and an air-cannon.
- Use a sliding valve to manually change the air volume a blower produces and examine the effect it has on your model.
- Understand the structure and operational principles of the blower through self-assembly.
- Requires one 9V battery - not included.

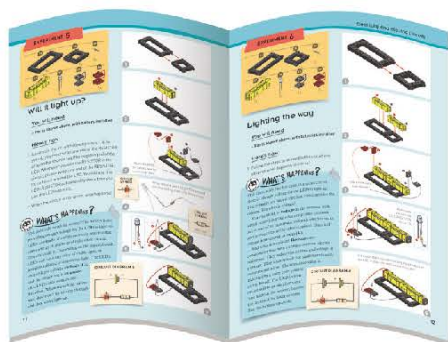
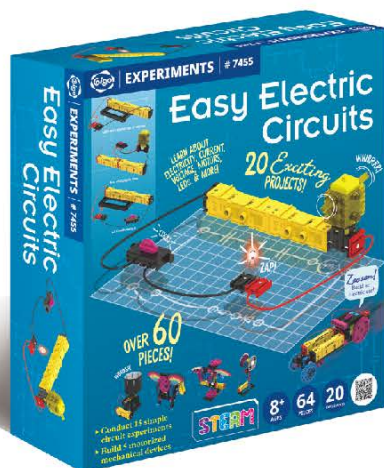






# #7455 EASY ELECTRIC CIRCUITS

20  
experiments  
64 PCS



A5 36 PAGES

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 255×280×65 mm

6 sets/1.25 cuft/ 3.18 kgs

421×273×306 mm

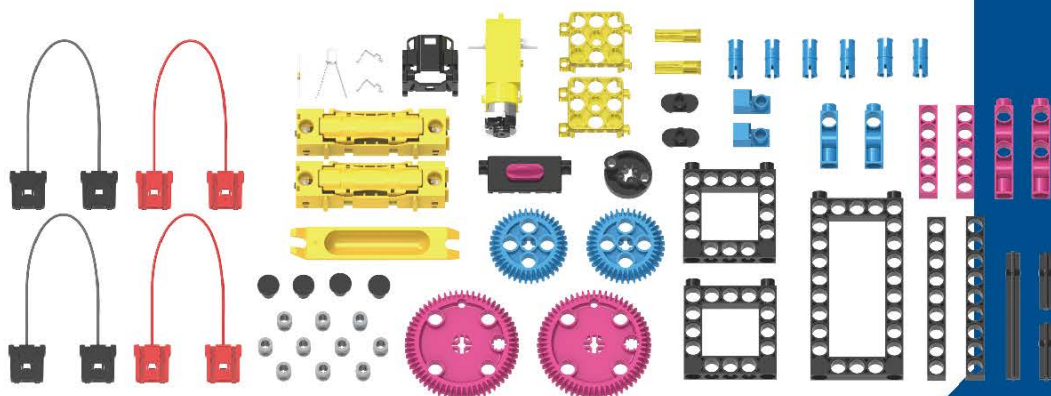
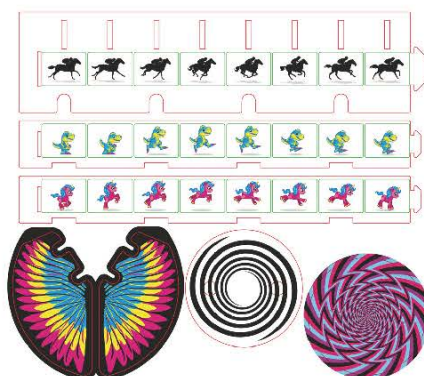


4 716503 074559



## FEATURES

- Dive into the exciting world of electrical circuits.
- Discover the difference between circuits that run in series and parallel.
- Conduct 15 experiments with simple electric circuits.
- Use what you learn from the experiments to build 5 motorized models (lion, bird, car, zoetrope and illusion).
- Scientific experiments involve many combinations of motors and LEDs.
- Requires 2 AA/LR06 batteries - not included.

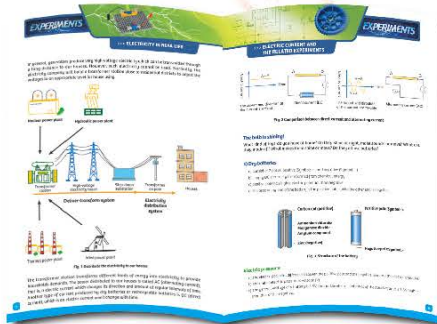
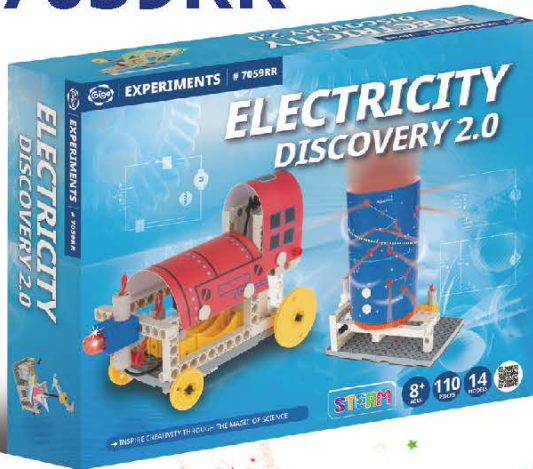




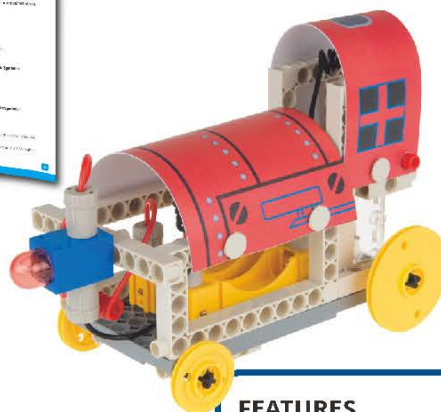
# EXPERIMENTS Develop Kids' Problem-Solving Capabilities

## #7059RR ELECTRICITY DISCOVERY 2.0

14  
models  
110 PCS



A4 28 PAGES



### FEATURES

- This science experiment kit explores the fundamentals of electricity by building 6 simple circuits and 8 models with wire connectors, light bulb, motor and battery holders.
- The components are specifically designed to make learning fun and accessible. With this kit, the complex world of electricity becomes more tangible!
- Requires 2 AA/LR06 batteries - not included.

**SERIES:** Experiments

**Age:** 8+

**Item Size:** 370×290×80 mm

6 sets/2.17 cuft/ 6.99 kgs

506×385×315 mm



4 716503 005928

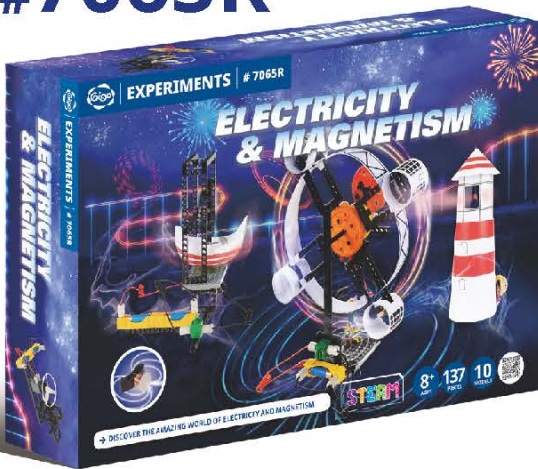






# #7065R ELECTRICITY & MAGNETISM

10  
models  
137 PCS



A4 52 PAGES



**SERIES:** Experiments  
**Age:** 8+  
**Item Size:** 420×290×80 mm

5 sets/2.12 cuft/ 6.60 kgs

442×427×318 mm



4 716503 006512

## FEATURES

- ▶ Hands-on experiences encourage children to apply basic concepts to mechanical devices.
- ▶ 10 models plus 7 experiments demonstrate the magic world of electricity and magnetism.
- ▶ Understand the relationship between electricity and magnetism by building different electric circuits.
- ▶ Learn the difference between a permanent magnet and an electromagnet.
- ▶ Requires 2 AA/LR06 batteries - not included.





## #7335RR REMOTE CONTROL MACHINES

20  
models  
151 PCS



A4 104 PAGES



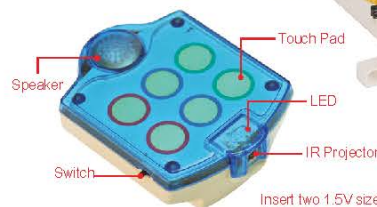
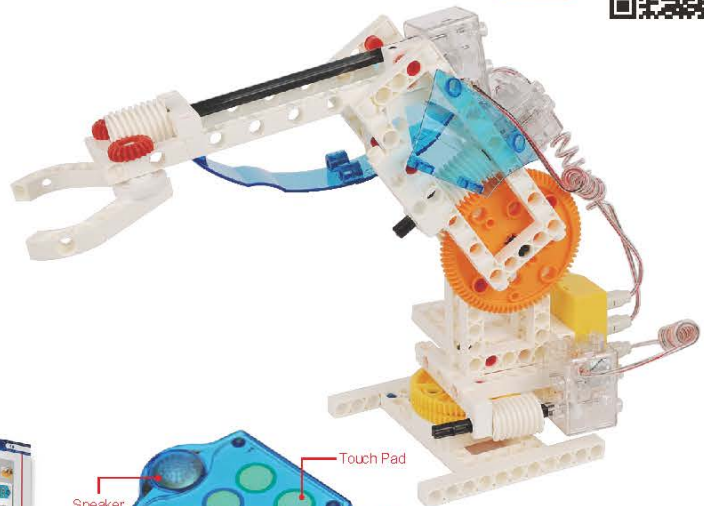
**SERIES:** Experiments

**Age:** 8+

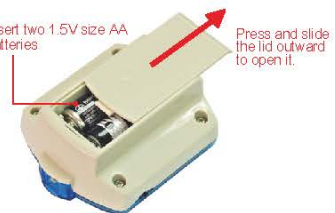
**Item Size:** 420×290×80 mm

4 sets/1.64 cuft/6.65 kgs

433×336×318 mm

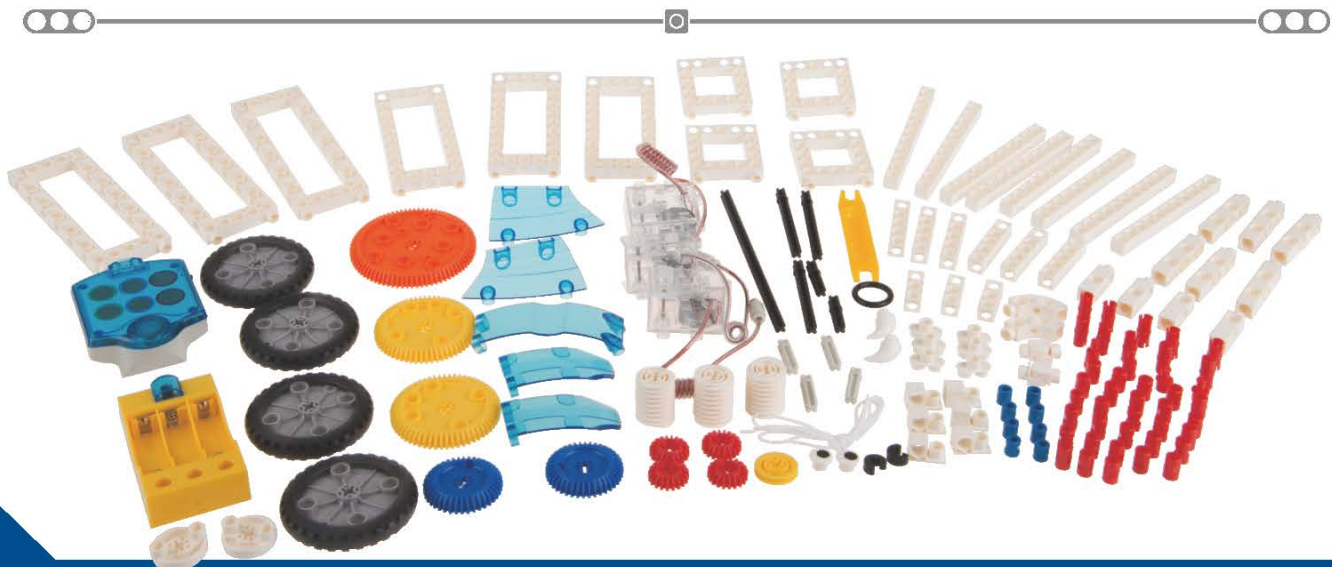


Insert two 1.5V size AA batteries



### FEATURES

- ▶ Infrared remote controller independently controls the forward/backward movements of 3 DC motors using the battery box receiver and wires.
- ▶ 20 models: three wheel car, truck, sports car, elevator, crane, scissor lifter, bulldozer, robot, robotic arm, etc.
- ▶ 3 electric motors can be combined to make complex machines in numerous configurations.
- ▶ Learn how gears and turbines work and the principles of mechanics.
- ▶ Requires 5 AA/LR06 batteries – not included.





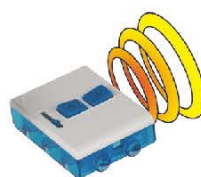


# #7336 ANIMAL MACHINES

8  
models  
89 PCS



A4 54 PAGES



**SERIES:** Experiments

**Age:** 8+

**Item Size:** 370×290×80 mm

5 sets/1.83 cuf/6.15 kgs

424×388×315 mm



4 716503 073361

## FEATURES

- ▶ The transparent PP material makes it easier to observe how the gears and machinery operate.
- ▶ Mimic the movement of real animals with different gears and motors.
- ▶ There are 4 independent channels available for multiple and simultaneous use during group play or competitions.
- ▶ The all-new 80X motor increases torque.
- ▶ 8 different animal models: crab, monkey, penguin, rabbit, elephant, tyrannosaur, etc.
- ▶ Requires 6 AAA/LR03 batteries - not included.

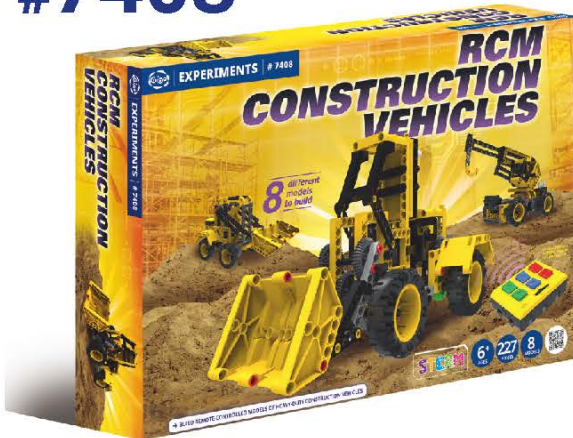
REMOTE CONTROL





## #7408 RCM CONSTRUCTION VEHICLES

8  
models  
227 PCS



A4 68 PAGES



### FEATURES

- Infrared remote controller independently controls the forward/backward movements of 3 DC motors using the battery box receiver and wires.
- There are 4 independent channels available for multiple and simultaneous use during group play or competitions.
- Building instructions for up to 8 different construction vehicle models can be built from this kit, one at the time.
- There are 2 additional models which you can download the assembly steps on Gigo's website for further exploration.
- New shell components give your construction vehicles a realistic look.
- Big, sturdy cross-country tires add to the models' function and appeal.
- Requires 2 AAA/LR03 and 3 AA/LR06 batteries - not included.

**SERIES:** Experiments

**Age:** 6+

**Item Size:** 420×290×80 mm

5 sets/2.12 cuft/9.58 kgs

442×427×318 mm



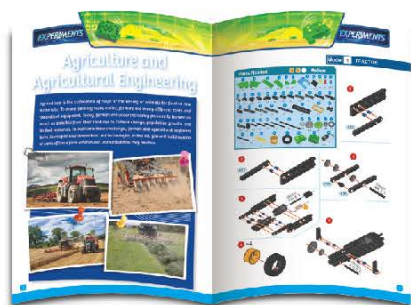
4 716503 074085





# #7447 REMOTE-CONTROL MACHINES FARM

8  
models  
355 PCS



A4 68 PAGES

**SERIES:** Experiments

**Age:** 6+

**Item Size:** 420×290×80 mm

5 sets/2.12 cuft/9.27 kgs

442×427×318 mm



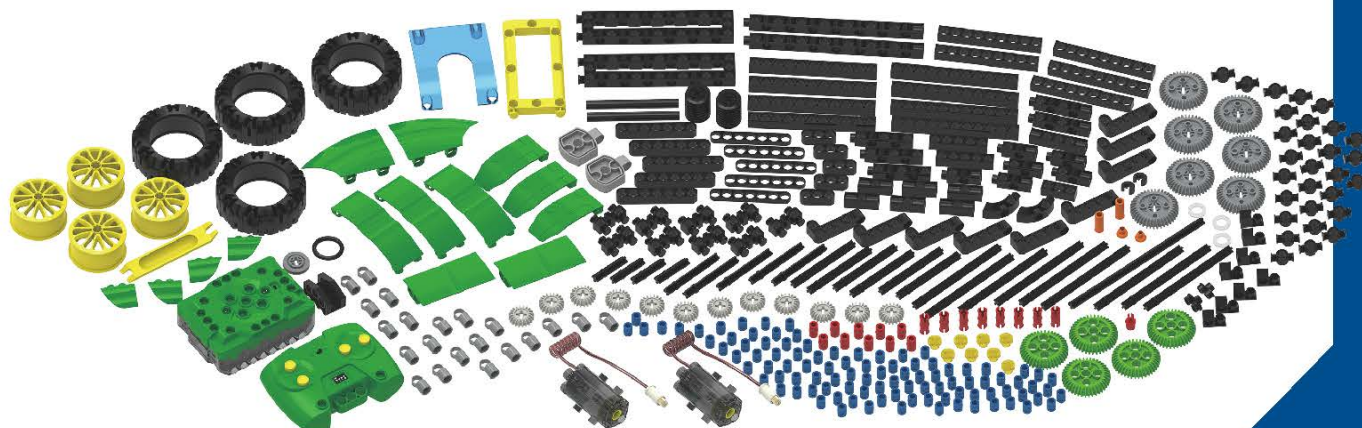
4 716503 074474



## FEATURES

- ▶ Include 4 models, a Farm Tractor with one of 4 different attachments, a Combine Harvester, a Draper Harvester and a Forest Truck which can create many variations. Each design is based on real farm vehicle functionality.
- ▶ There are 16 radio frequencies for long range use (25 meter range with obstacle free) between the receiver and the remote controller (This allows for multiple simultaneous players in a competition setting). The receiver unit controls two motors which can let the vehicle move FWD/BWD and turn L/R.
- ▶ New design tires.
- ▶ Requires 6 AA/LR06 batteries – not included.

REMOTE CONTROL





# ROBOTICS

The Robots with Characteristic  
High-Tech Design

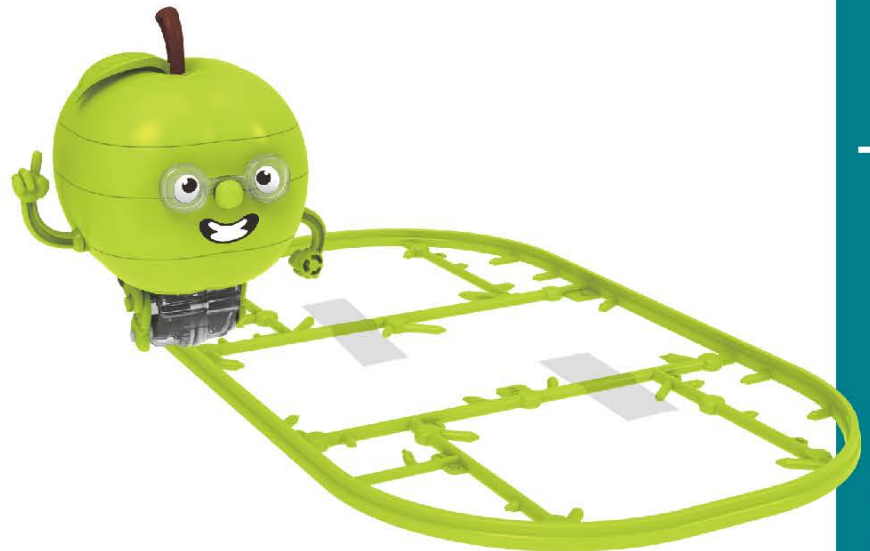




# #7083 Newton's Apple: Tightrope-Walking Gyrobot



4  
activities  
74 PCS



**SERIES:** Robotics  
**Age:** 8+  
**Item Size:** 255×280×35 mm

6 sets/0.70 cuft/2.55 kgs

236×300×279 mm



4 716503 070834

## FEATURES

- Build a cute and fun apple character.
- Understand the basic principles of gyroscopes and balance.
- A single-wheel gyro-balanced robot that walks on rails, ropes, tables and even mug rims.
- While it walks around the track, play a ring toss game with their apple stalk.
- Use additional Gigo C series building blocks to add more weight, and test its limits.
- Requires 2 AAA batteries – not included.

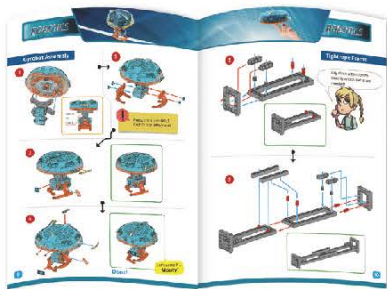
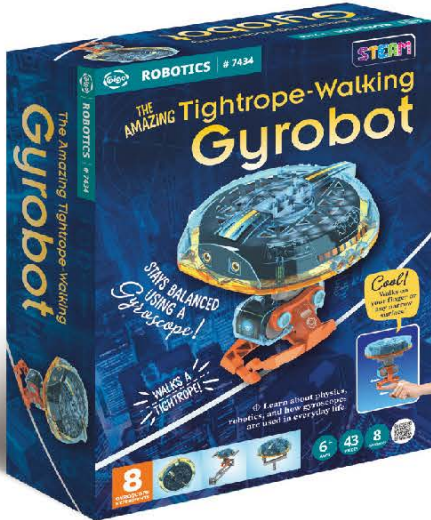
\*Under development, the content may vary after official launch.





## #7434 THE AMAZING TIGHTROPE-WALKING GYROBOT

8  
experiments  
43 PCS



A5 28 PAGES

**SERIES:** Robotics

**Age:** 6+

**Item Size:** 255×335×80 mm

4 sets/1.23 cuft/3.34 kgs

352×276×358 mm

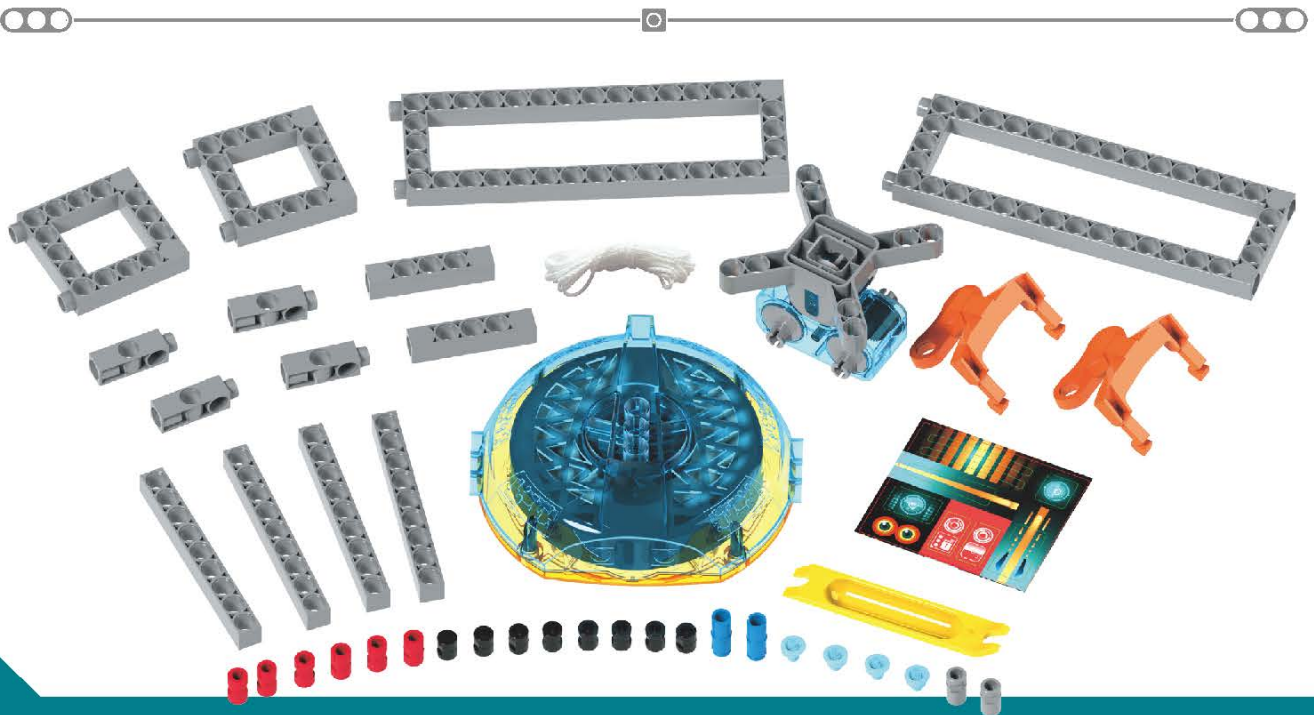


4 716503 074344



### FEATURES

- Phenomenal tight-rope walking gyro robot.
- Watch as it balances on a tight-rope and carefully maintains its balance!
- Enjoy 8 real gyroscope experiments.
- Learn about fundamental gyroscopic principles.
- Requires 3 AAA batteries - not included.







# #7395R MINI GYRO



20  
models  
88 PCS



A5 36 PAGES

**SERIES:** Robotics  
**Age:** 8+  
**Item Size:** 255×280×65 mm

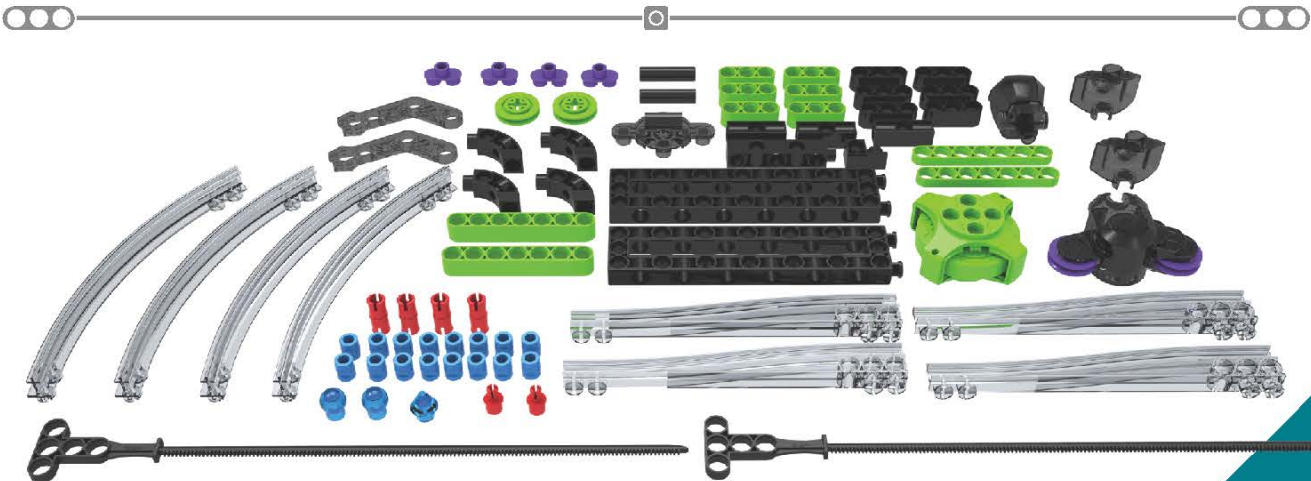
5 sets/1.05 cuft/3.69 kgs  
355×273×306 mm



4 716503 039510

## FEATURES

- ▶ Operate gravity-defying Gyro Robots using a rip cord. No batteries!
- ▶ Conduct experiments and make different models using the Gyroscope and Flywheel.
- ▶ Discover how the configuration of the Gyroscope and the Flywheel work.
- ▶ Challenge yourself by making the Rip Cord Gyrobot walk on the track.
- ▶ Learn physics including rotational motion, angular momentum, moment of inertia, and friction.



GYRO



## #7435 AIR-WALKER

5  
models  
75 PCS



A5 28 PAGES

**SERIES:** Robotics

**Age:** 8+

**Item Size:** 255×335×80 mm



4 sets/1.17 cuft/2.80 kgs



352×336×279 mm



4 716503 074351

### FEATURES

- Cool designed manual steering robot.
- Pneumatic suction cup technology makes the robot walk up walls and turn its head.
- Instruction manual to build 5 models.
- Requires 2 AA/LR06 batteries - not included.





# #7409 GECKOBOT



7  
models  
176 PCS



A4 28 PAGES

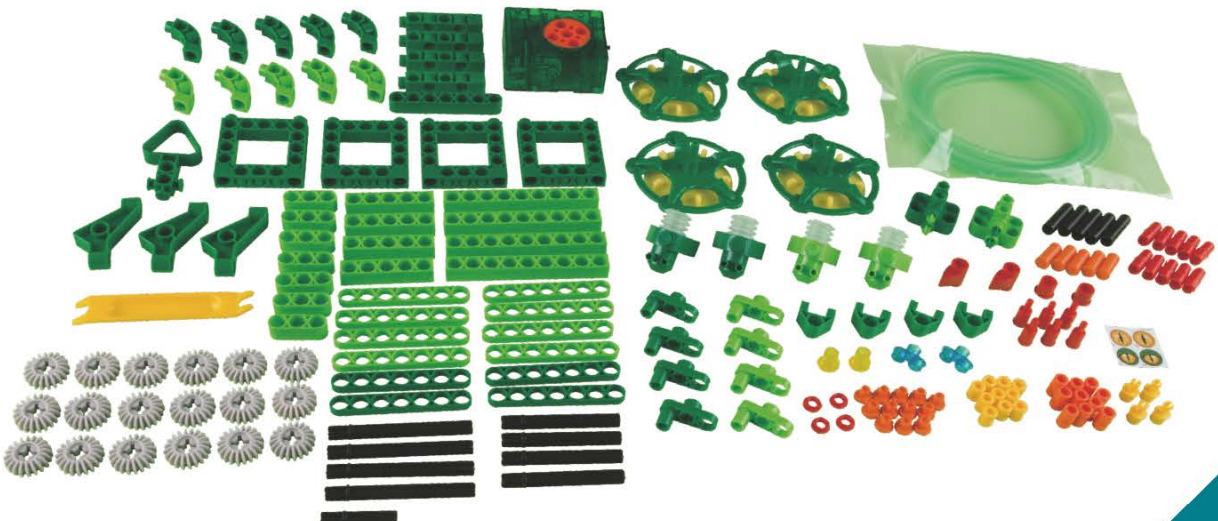


**SERIES:** Robotics  
**Age:** 8+  
**Item Size:** 370×290×80 mm  
5 sets/1.83 cuft/4.58 kgs  
424×388×315 mm



## FEATURES

- ▶ Build your own Geckobot which can climb on smooth surfaces like windows!
- ▶ Learn the physics of pneumatics and suction, and observe the bionic-like motions.
- ▶ Understand the complexities of mechanical timing and its applications.
- ▶ Requires 2 AAA/LR03 batteries-not included.





# GREEN ENERGY

Learn the Theory behind  
Green Energy

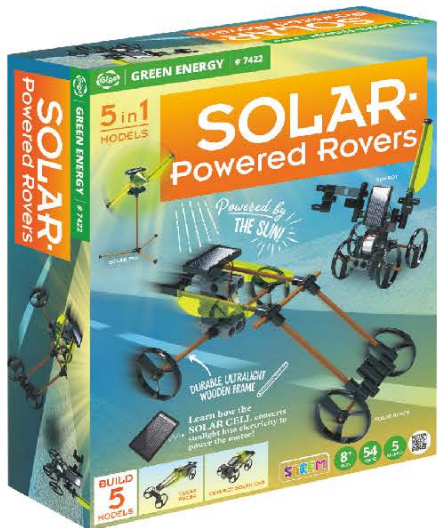






# #7422 SOLAR-POWERED ROVERS

5  
models  
54 PCS



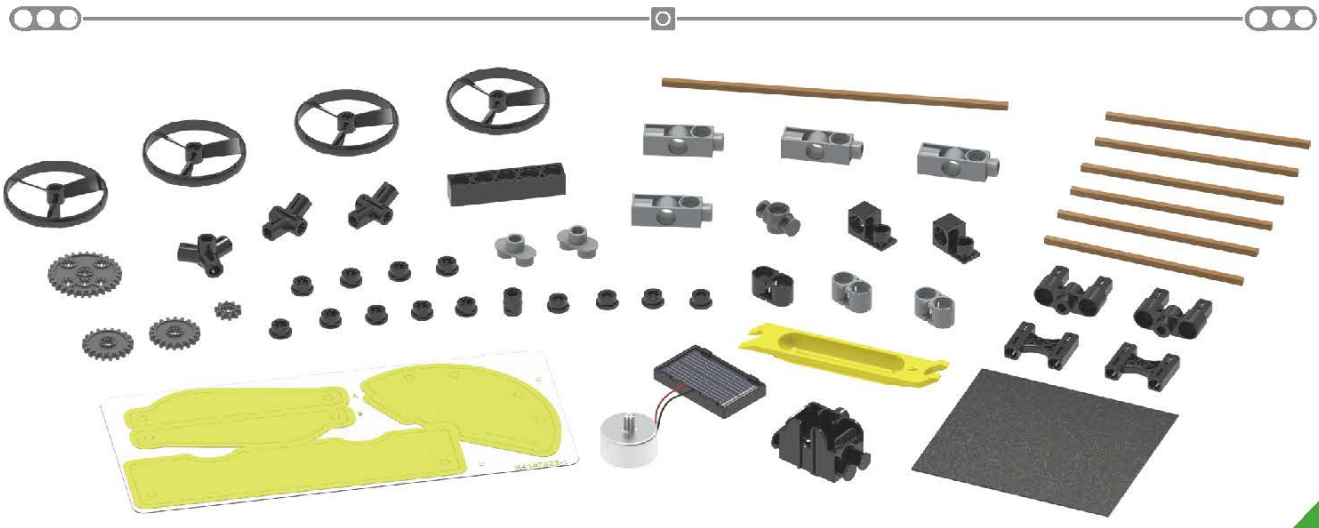
A5 20 PAGES

**SERIES:** Green Energy  
**Age:** 8+  
**Item Size:** 220×280×65 mm  
5 sets/0.85 cuft/1.99 kgs  
336x233x306 mm



## FEATURES

- Get into Green power using Solar-powered models.
- Great to build, fun to play with and easy to learn from.
- Construct 5 cool, solar-powered models.
- An integrated solar panel powers each model.
- Unique ultra-light bamboo rod construction system makes the models strong and light.
- Follow the instructions to build 3 different Solar Rover race cars, a Solar Fan and a Sun Bot, or improvise your own device!



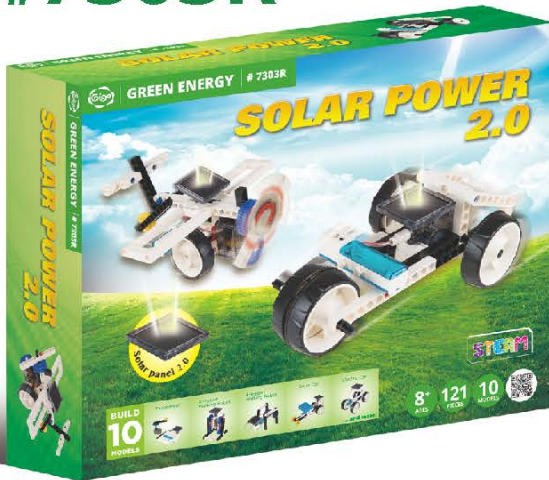
SOLAR



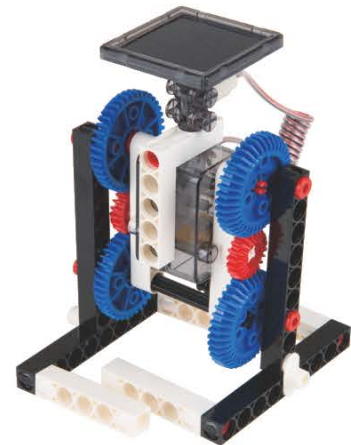
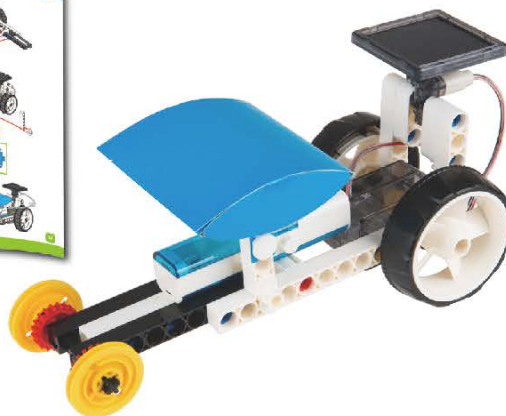
# GREEN ENERGY Learn the Theory behind Green Energy

## #7303R SOLAR POWER 2.0

10  
models  
121 PCS



A5 28 PAGES



**SERIES:** Green Energy

**Age:** 8+

**Item Size:** 370×290×80 mm

6 sets/2.19 cuft/6.03 kgs

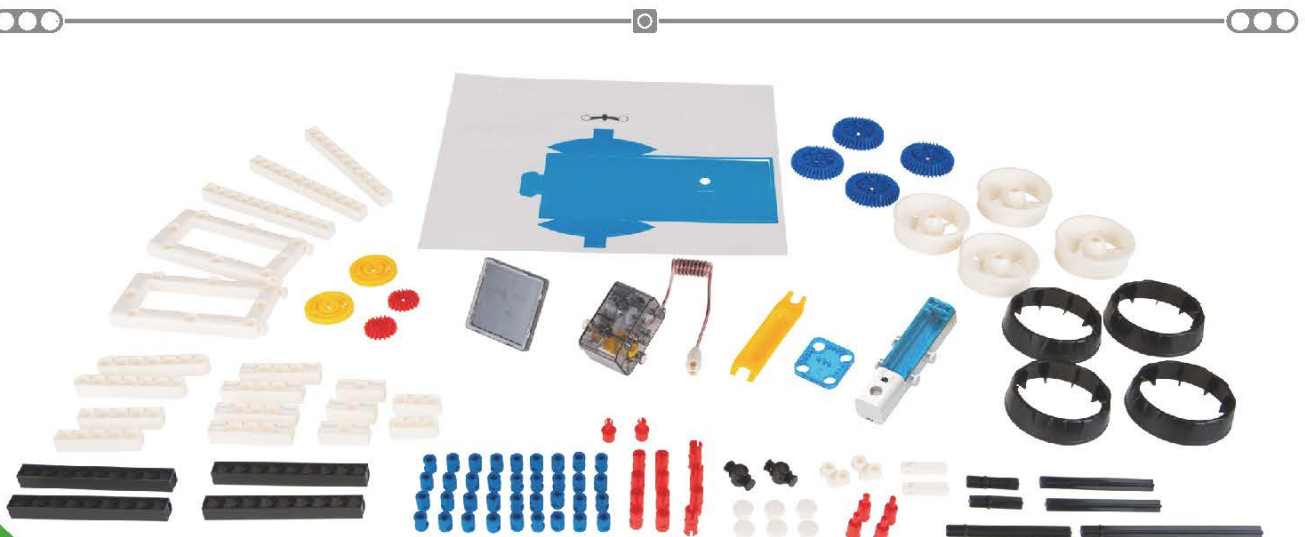
506×388×315 mm



4 716503 030319

### FEATURES

- Learn all about solar power, and how solar cells work.
- Build 10 exciting solar powered models, including cars, a helicopter, a scooter, a drone, and more!
- Go fully solar powered, or use the innovative battery holder to charge a AA (HR6/KR6) battery so you can run your models at night.







# #7361 SOLAR HERO

11  
models  
61 PCS



A5 60 PAGES

**SERIES:** Green Energy

**Age:** 8+

**Item Size:** 335×230×70 mm

6 sets/1.34 cuft/3.09 kgs

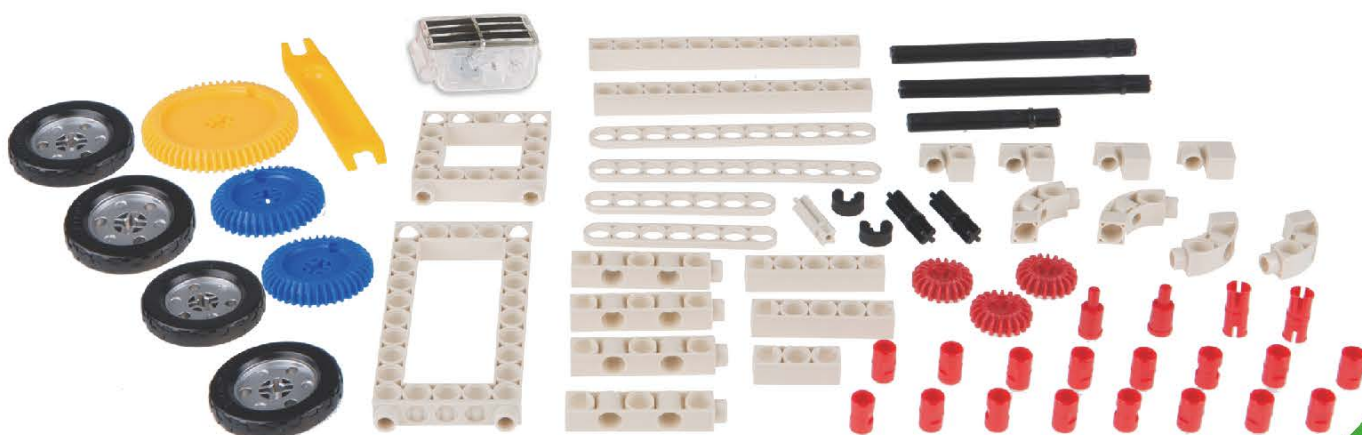
421×352×252 mm



4 716503 073613

## FEATURES

- ▶ Children can have fun and learn the basics of solar power.
- ▶ Children can count the number of teeth on gears and figure out how to calculate gear ratios by putting the gears together.
- ▶ 11 models: race car, motorcycle, gyrocar, sports car, excavator, solar fan, helicopter, etc.





## #7430R WIND POWER 4.0



A4 36 PAGES

**SERIES:** Green Energy

**Age:** 8+

**Item Size:** 370×290×80 mm

5 sets/1.83 cuft/6.10 kgs

424×388×315 mm



### FEATURES

- ▶ Outdoor wind turbine that can charge your batteries.
- ▶ Improved aerodynamic efficiency air foil wings.
- ▶ Waterproof nacelle generator housing, resistant to outdoor weather conditions.
- ▶ Built-in LED shows power or charging status.
- ▶ When fully charged the kit can be transformed into an electric vehicle that runs on the stored wind power.
- ▶ Requires 1 AA/LR06 rechargeable battery - not included.



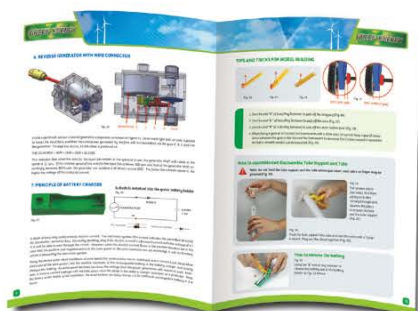
5  
experiments  
38 PCS





# #7079 WIND POWER

8  
models  
124 PCS

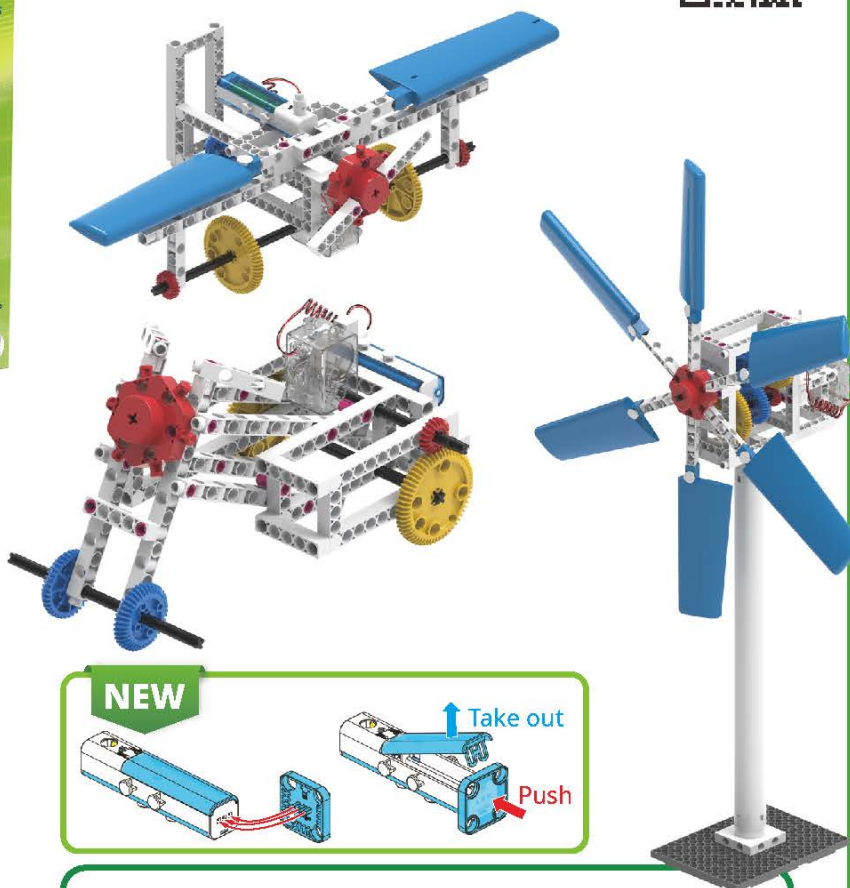


A4 40 PAGES

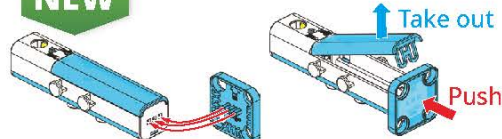
**SERIES:** Green Energy  
**Age:** 8+  
**Item Size:** 370×290×80 mm

6 sets/2.19 cuft/8.65 kgs

506×388×315 mm



NEW



## FEATURES

- ▶ Build 2 giant wind turbines, almost 1 meter high.
- ▶ The energy generated by the wind can turn a LED light on or recharge a battery!
- ▶ Full color 40-page instruction manual, complete with instructions to build models and explanations of each principle used.
- ▶ Requires 1 AA/HR06/KR06 battery - not included.



WIND



## #7323 WATER POWER

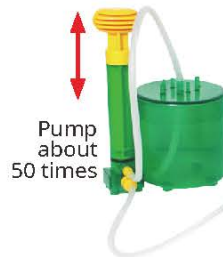
15  
models  
165 PCS



Press down the button to release the nozzle.



A4 48 PAGES



Pump  
about  
50 times



The vehicle  
will dash  
forward.

**SERIES:** Green Energy  
**Age:** 8+  
**Item Size:** 370×290×80 mm

6 sets/2.28 cuft/7.74 kgs

527×388×315 mm



4 716503 073231

### FEATURES

- ▶ 15 models are propelled by a hydro-pneumatic motor.
- ▶ Two different systems:
  - \*System one has 7 models exhibiting the hydro-pneumatic powered system.
  - Ideal for both indoors and outdoors since water is circulated and contained within.
  - \*System two has 8 models exhibiting a water-jet propelled system
  - Ideal for outdoors because water gets sprayed out.
- ▶ Includes specialty parts: water tanks, secure pump, nozzle, air-water power pack.







# #7439 WATER POWER MINI 2.0

6  
models  
47 PCS



A5 36 PAGES

**SERIES:** Green Energy  
**Age:** 8+  
**Item Size:** 245×290×85 mm

5 sets/1.34 cuft/2.63 kgs

452×264×318 mm



## FEATURES

- ▶ Enter the world of green energy and learn how air and water pressure make devices function.
- ▶ Improved nozzle design allows for more precise angle adjustments when controlling the models direction.
- ▶ Investigate scientific principles and knowledge through play.
- ▶ Set includes instructions for 6 models children can experiment with, while learning the basics of air pressure and hydrokinetics.



WATER



# SMART BRICKS

Experience a World of Real and Virtual Cubes







# #7066 ROBOTICS: SMART MACHINES: 5-IN-1 BUILDABLE DRONE WITH HD CAMERA

5  
models  
109 PCS



360-Degree Camera



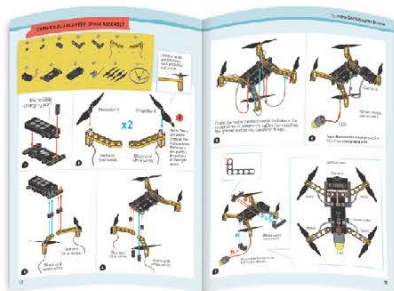
Turntable Camera



Hands-Free Camera



Driveable Camera Car



A5 28 PAGES



Please download the APP  
"Gigo Robotics Drones"

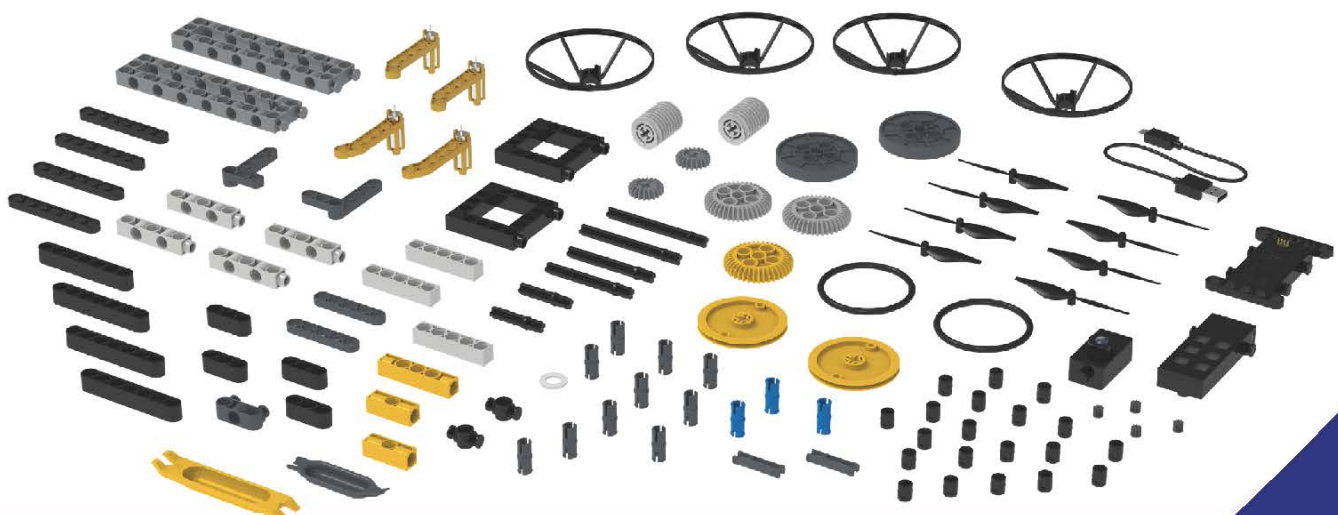
**SERIES:** Smart Bricks  
**Age:** 8+  
**Item Size:** 220×210×80 mm  
4 sets/0.83 cuft/2.71 kgs  
352×248×267 mm



4 716503 070667

## FEATURES

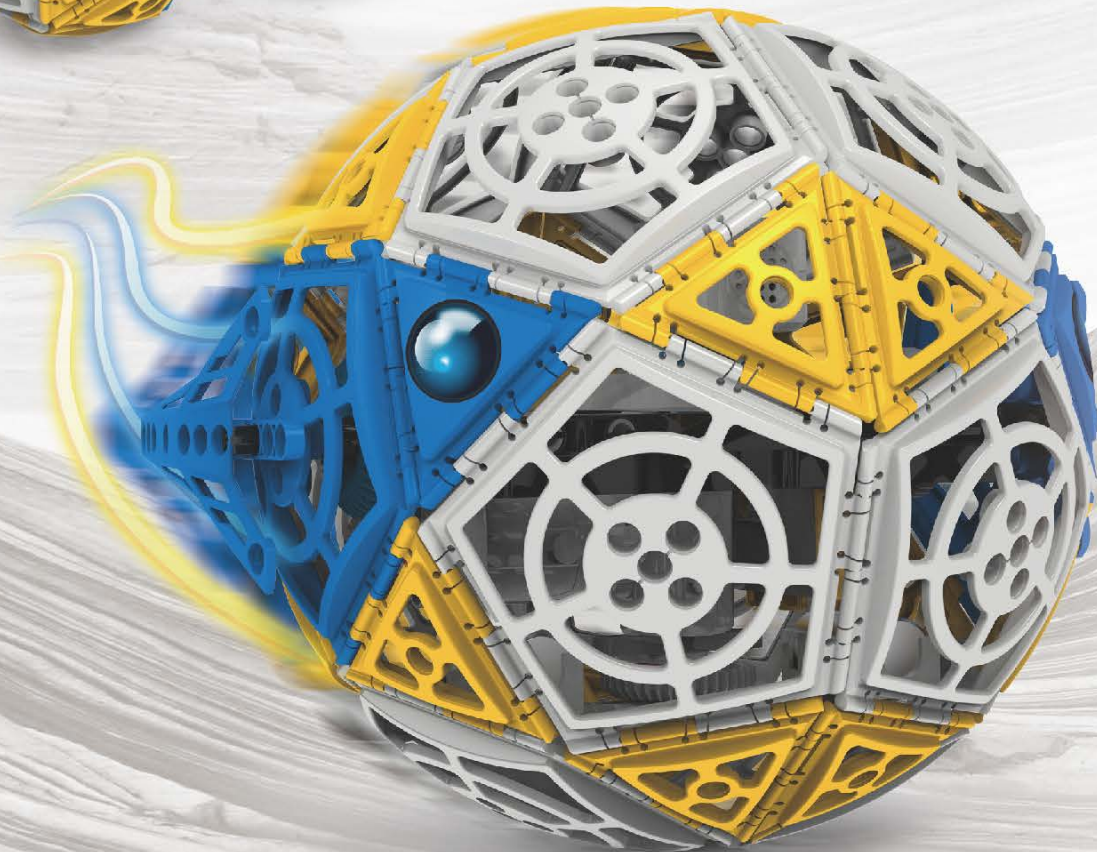
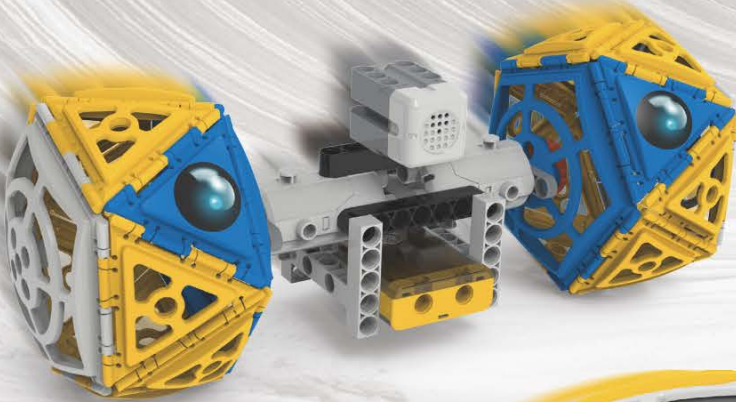
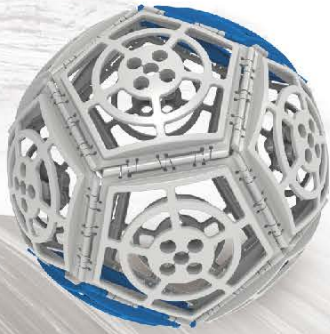
- Build a high-tech, flying camera drone and four other camera-enabled robotic models!
- Download the free app for iOS or Android to remote control your drone or other camera-enabled robots in real time!
- The fun and easy to use visual programming language is accessible for all user levels, and only requires a tablet or smart phone app!
- Program your drone to fly in a predetermined pattern!
- The HD camera can take 720p video and 4K photos from the moving robots!
- Lightweight custom design rechargeable lithium-ion battery included.





# SMART BRICKS

Experience a World of Real and Virtual Cubes







# #7452 ROBOTICS SMART MACHINES - SUPER SPHERE

8  
experiments  
182 PCS



A4 64 PAGES



Please download the APP  
"Gigo Super Sphere"



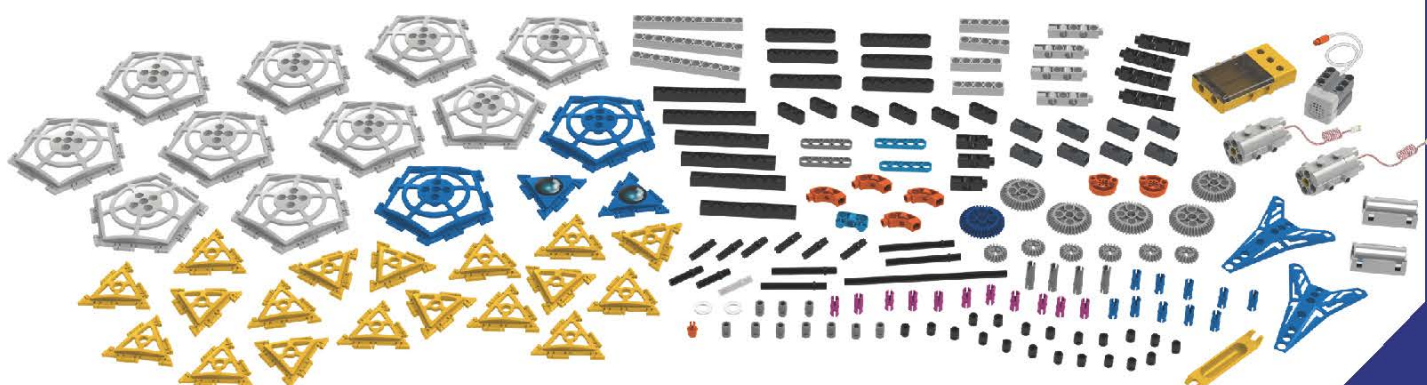
**SERIES:** Smart Bricks  
**Age:** 8+  
**Item Size:** 385×335×80 mm  
4 sets/1.69 cuft/6.37 kgs  
400×336×355 mm



4 716503 074528

## FEATURES

- Learn the mechanical principles behind gears and linkages.
- Build 7 robots using rods, gears, axles, and shell pieces.
- Remote-control your robot, or pre-program it.
- Use a sound sensor to trigger actions and responses.
- Includes a helpful manual and video, with hints and tips to control the Super Sphere.
- Create your own models using the two 50X planetary gearboxes and sound sensor.
- The Super Sphere app is compatible with both iOS and Android systems.
- Requires 3 AA batteries - not included.





## #7433 ROBOTICS SMART MACHINES HOVERBOTS WITH BALANCETECH

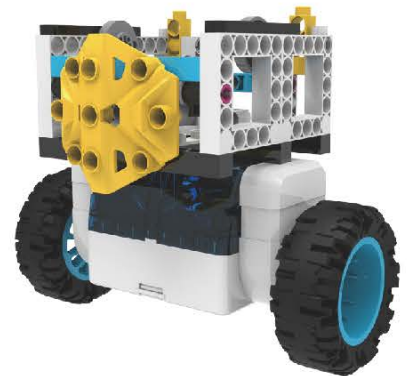
8  
models  
227 PCS



A4 64 PAGES



Please download the APP  
"Gigo HoverBots"



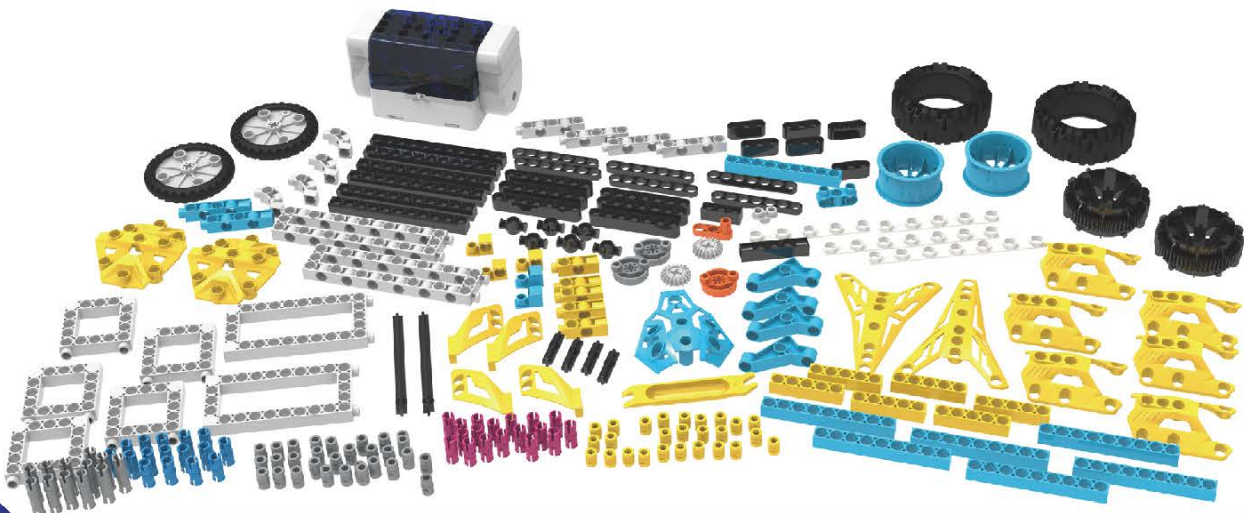
**SERIES:** Smart Bricks  
**Age:** 8+  
**Item Size:** 485×330×95 mm  
3 sets/1.98 cuft/5.88 kgs  
500×315×355 mm



4 716503 074337

### FEATURES

- ▶ Spectacular self-balancing robot.
- ▶ Build, remote-control and program the bot from scratch.
- ▶ Hoverbots App has three modes: remote control, balance settings, and programming.
- ▶ Compatible with Android and iOS phone and tablet devices.
- ▶ Cool transformations between models – go from car to robot and back in seconds.
- ▶ Build your own models or follow the instruction manual to create one of eight amazing models.
- ▶ Base unit has built in multi-color LEDs, 2 Motors, and an integrated balance and gyroscopic sensor.







# #7412R ROBOTICS SMART MACHINES TRACKS & TREADS

8  
models  
297 PCS



A4 64 PAGES

**SERIES:** Smart Bricks  
**Age:** 8+  
**Item Size:** 420×290×80 mm

3 sets/1.27 cuft/5.41 kgs

433×261×318 mm



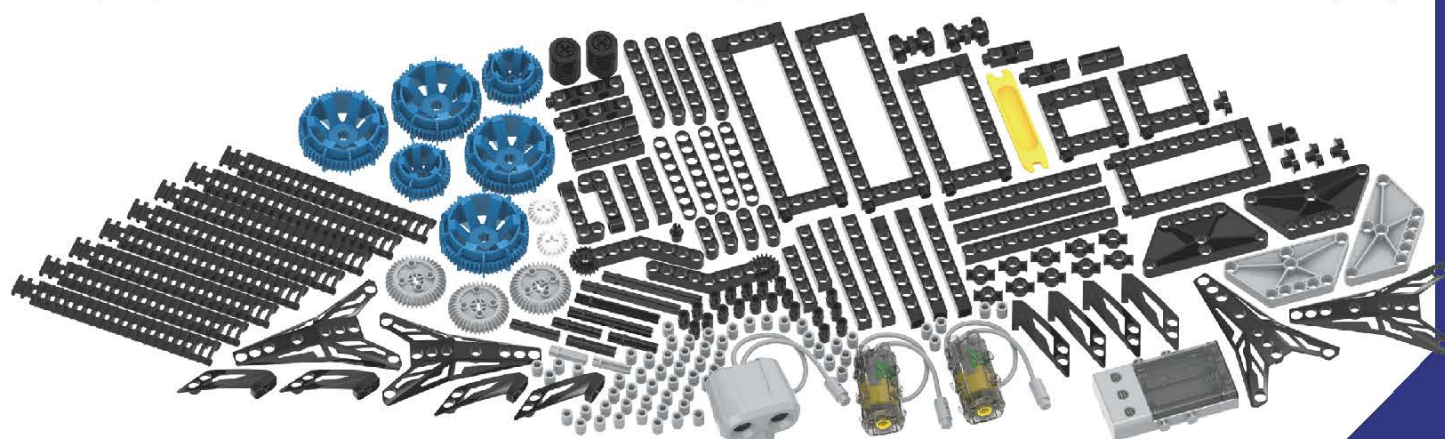
4 716503 041216



Please download the APP  
"Gigo Smart Machines"

## FEATURES

- ▶ Track driven robots controlled and programmed by tablet or smart phones.
- ▶ App and 2 gear motors, ultrasonic sensor, flexible tracks and receiver battery box.
- ▶ Instruction manual to build 8 models.
- ▶ Requires 3 AA/LR06 batteries - not included.





## #7437R ROBOTICS SMART MACHINES ROVERS & VEHICLES

8  
models  
233 PCS



A4 68 PAGES

**SERIES:** Smart Bricks

**Age:** 8+

**Item Size:** 420×290×80 mm

3 sets/1.27 cuft/5.84 kgs

433×261×318 mm



4 716503 043715



Please download the APP  
"Gigo Smart Machines"

### FEATURES

- 8 robotic models with related applications introduce children to the world of robots.
- An app-driven ultrasonic sensor commands the robots to perform specific actions in response to their surroundings.
- The child-friendly app interface includes 8 built-in programs to learn basic programming logic. It also gives you the option to create your own programs.
- 2 DC motors and Bluetooth(TM) battery box included.
- Requires 3 AA/LR06 batteries - not included.





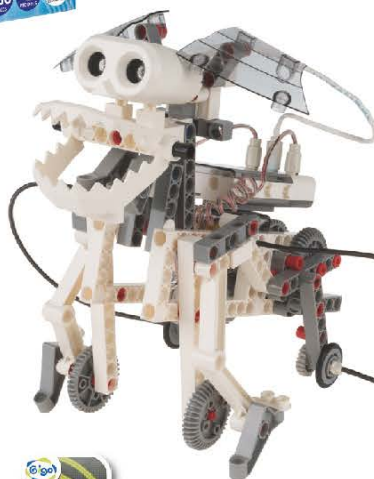
# #7416R SMART MACHINES



A4 76 PAGES



8  
models  
230 PCS



Please download the APP  
"Gigo Smart Machines"



**SERIES:** Smart Bricks

**Age:** 8+

**Item Size:** 420×290×80 mm

3 sets/1.27 cuft/4.29 kgs

433×261×318 mm



## FEATURES

- ▶ How the ultrasonic sensor works demonstrates the principle of radar.
- ▶ Bluetooth technology makes it easy to connect with smartphones and tablets.
- ▶ The visual programming application allows children to write their own commands to add functions to robots.
- ▶ The new battery box connects to the ultrasonic sensor and two motors.
- ▶ Requires 3 AA/LR6 batteries - not included.





# SMART BRICKS Experience a World of Real and Virtual Cubes

## #7072 KIDS FIRST CODING & ROBOTICS

30  
lessons  
278 PCS



A4 68 PAGES

**SERIES:** Smart Bricks

**Age:** 4+

**Item Size:** 420×290×100 mm

3 sets/1.66 cuft/7.96 kgs

439×336×318 mm



### FEATURES

- ▶ Learn about programming logic and write simple programs using code cards, no need for additional technology like tablets or smart phones!
- ▶ Scenarios and stories make learning fun. Get hands-on with important programming concepts like sequences, loops, functions, conditional statements, events, algorithms and variables.
- ▶ Redesigned interlocking code cards make it even easier to write programs.
- ▶ Instruct the base unit to read the cards that contain your code. Use a variety of instructions (FWD, BWD, turn L/R, pause, and spin). Use the external gear on the base unit to interact with other models and perform tasks.
- ▶ Use math mode to develop children's number skills.
- ▶ STEAM-based in philosophy and practice, laying a solid foundation for future engineers.
- ▶ Requires 3 AA/LR06 batteries - not included.







A COMPLETE INTRODUCTION OF 30 LESSONS  
TO PROGRAMMING FOR GRADES K-2,  
COVERING THESE FUNDAMENTALS:

Sequences

Loops

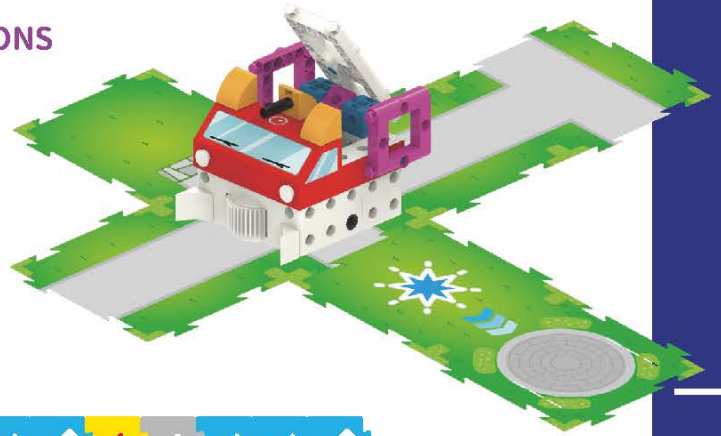
Functions

Conditions

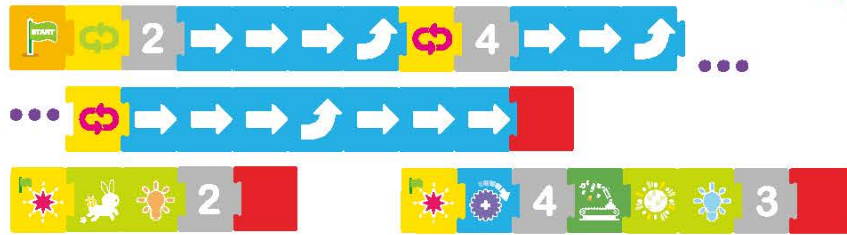
Algorithms

Events

Variables



CODE WITH CARDS!  
NO COMPUTER, TABLET, OR  
SMARTPHONE REQUIRED



## #7442-A CODING & ROBOTICS: CHALLENGE PACK 1

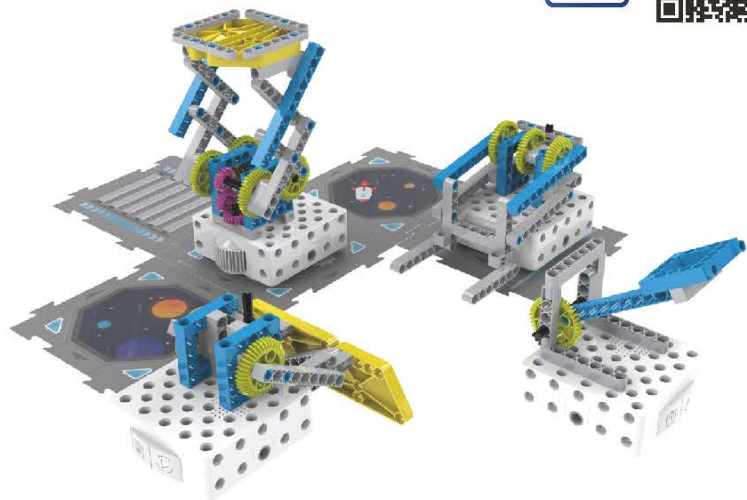
8  
models  
93 PCS



SMART BRICKS



A5 24 PAGES



### FEATURES

- Numerous functional model applications: lift, catapult, walker, etc.
- Add-on pack to supplement the Kids First Coding & Robotics unit (needs to work with #7072).
- Instruction manual to build 8 models.

**SERIES:** Smart Bricks

**Age:** 4+

**Item Size:** 205×290×70 mm

5 sets/0.91 cuft/2.94 kgs

373×221×312 mm



4 716503 044217





# Gigo LAB

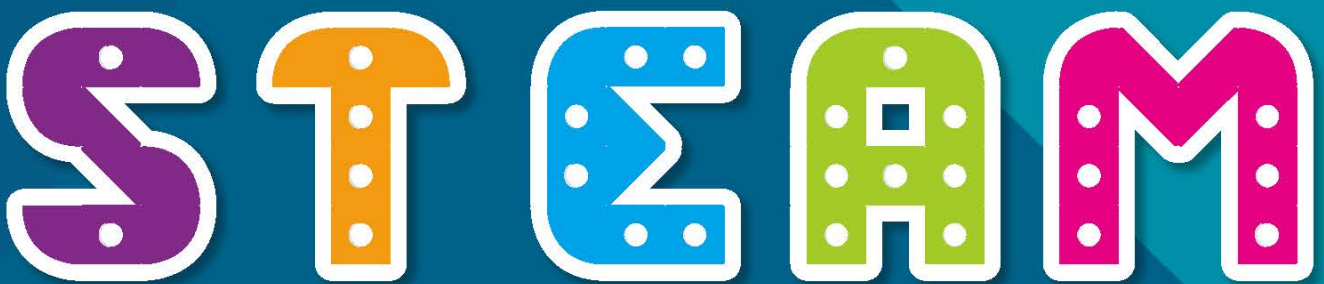
## *Introduction*

With over 40 years of experience in developing teaching materials, Gigo launched the educational series Creative Lab, Fun Lab, Learning Lab, and Senior Lab which we name as Gigo Lab.

Gigo Lab is designed as a modularized learning framework that aims to cover a full spectrum of science subjects while providing the required flexibility to comply with different countries schooling and curriculum systems.

Our mission is to help all kids enjoy learning about science through playing with our building blocks. Let kids truly learn to love science while explore scientific theories and apply their knowledge to build models. The lessons are designed step-by-step for different levels, from kindergarten to senior high school, and from easy to difficult.

Endorsed by many in the educational field, our educational concept, and our building blocks, are used as teaching aids at schools across Europe, North America, Japan, South Korea, etc.



SCIENCE   TECHNOLOGY   ENGINEERING   ART   MATH



## CREATIVE LAB

Learning through play for children aged 3 to 6 years. Fun and engaging kindergarten class solutions, involving 2D and 3D interpretations of design.



## FUN LAB

Sciences or art? STEAM education blends the best of both worlds! Comprehensive and fun programs with hands-on experiments that please and educate learners.



## LEARNING LAB

Integrated STEAM activities for classrooms that meet or exceed global education outlines. Learn by doing activities that have real life applications.



## SENIOR LAB

Young at heart but wise in years? Have fun sharing ideas across generations while improving dexterity.





# CREATIVE LAB

## #3891-7 CREATIVE LAB

SERIES: Creative Lab

Age: 3+ (suitable for preschool and kindergarten students)

Content: The package contains 16 sets, 15 sets for students and 1 set for the teacher, which includes:

components, storage bins and frames, student books and creation records, teacher's guides, entrance banner and classroom posters.

### Features:

- ▶ Components are well-organized in storage bins and frames.
- ▶ Entrance Banner and Classroom Posters (in Mandarin and/or English).
- ▶ Supplemental accessories can be added but are not included.
- ▶ Student's Books and Creation Record.
- ▶ Teacher's Guide.
- ▶ Only a Mandarin version is provided. International language translations are available on request.

Number: #3891-7-1  
1set/2.84cuft/11.54kgs  
Outer Carton Size:  
461\*406\*430mm

Number: #3891-7-2  
1set/2.53cuft/7.28kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-3  
1set/2.53cuft/9.48kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-4  
1set/2.53cuft/8.71kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-5  
1set/2.53cuft/9.55kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-6  
1set/2.53cuft/14.38kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-7  
1set/2.53cuft/8.93kgs  
Outer Carton Size:  
461\*406\*382mm

Number: #3891-7-8  
1set/2.53cuft/7.93kgs  
Outer Carton Size:  
461\*406\*382mm



The tables/chairs are not included.

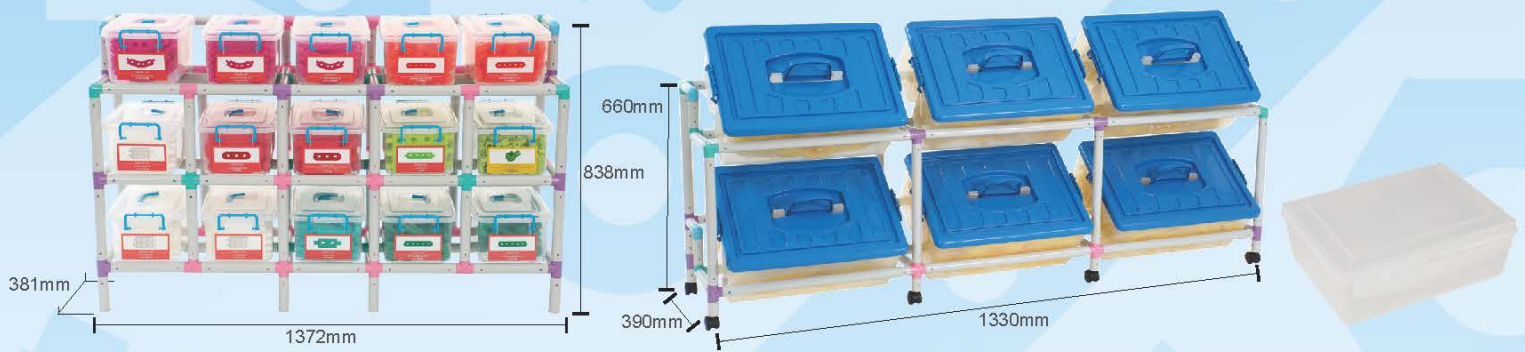
Optional items:

#T120S(page153)

#3599S(page153)



## STORAGE BINS/FRAMES



### #905-009S

15 BIN TILTED STORAGE BINS (FRAME) ×4

### #905-009-3

15 BIN TILT STORAGE BINS (#1140 ×15) ×4

### #T159S

2x3 LOW VERSION STORAGE BINS (FRAME)

### #T159-1

2x3 LOW VERSION STORAGE BINS (#1036B ×3) ×2

### #1033

PLASTIC BOX ×28

Curriculums	Curriculum Picture	A1 #3891-3-7	B1 #3891-3-8	C1 #3891-3-9	A2 #3891-3-10	B2 #3891-3-11	C2 #3891-3-12
Student's Book		×16	×16	×16	×16	×16	×16
Creation Record		×16	×16	×16	×16	×16	×16
Teacher's Guide		×1	×1	×1	×1	×1	×1

## OTHER ACCESSORIES



### #3891-1-EN

Entrance Banner (Acrylic)  
Size: 650x380 mm



### #3891-2-EN

Classroom Poster x8  
Size: 760x520 mm



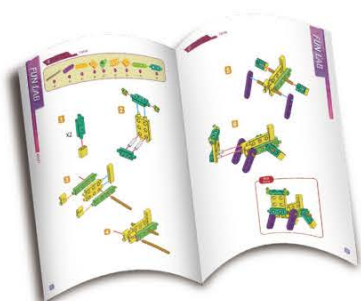






# #1271 CREATIVE ENGINEER

20  
models  
52 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuf/9.72kgs

718×382×339mm

4 716503 112718

## THE PRODUCT INCLUDES :

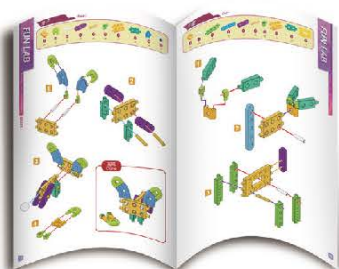
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 36 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for toddler or preschooler.





## #1272 CREATIVE GYM

20  
models  
56 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.23 kgs

718×382×339mm



4 716503 112725

### THE PRODUCT INCLUDES :

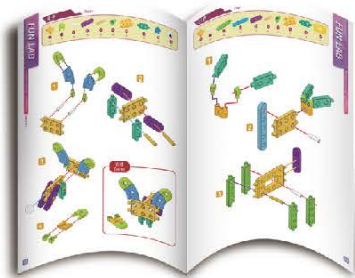
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 36 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for preschooler's 1st semester (1st-2nd school terms).





# #1273 CREATIVE CREATURES

20  
models  
59 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.42 kgs

718×382×339mm



4 716503 112732

## THE PRODUCT INCLUDES :

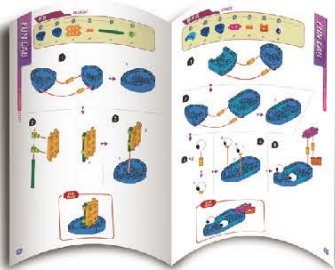
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 36 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for preschooler's 2nd semester (3rd-4th school terms).





## #1207 SAILING EXPLORATION

20  
models  
41 PCS



A4 32 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.58 kgs

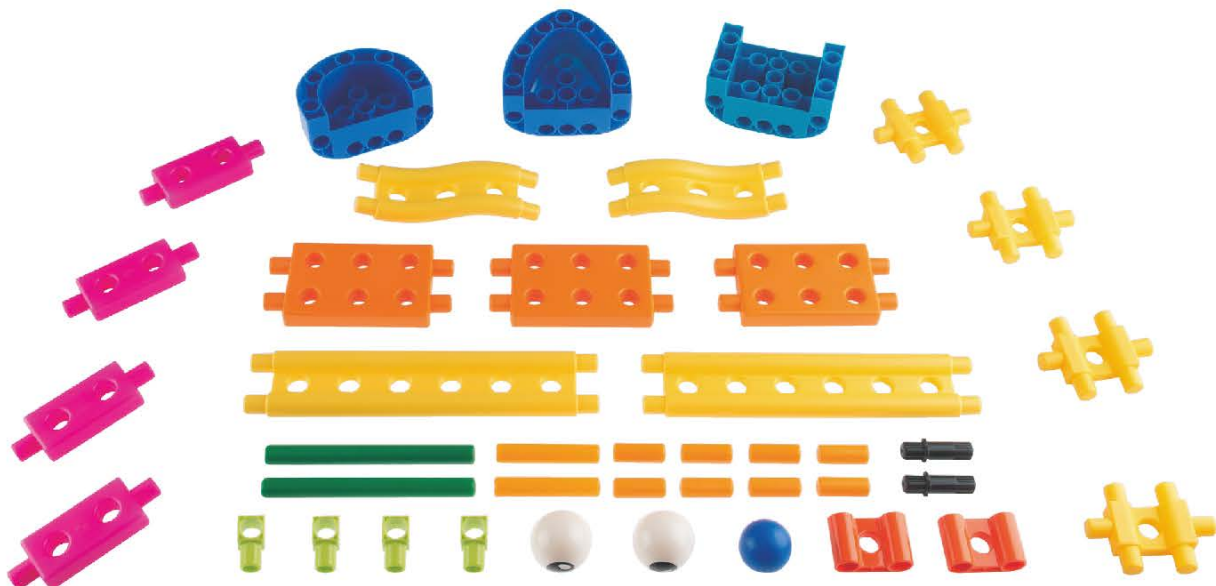
718×382×339mm



4 716503 112077

### THE PRODUCT INCLUDES :

- ▶ Suggested Time: 1 hr/ course.
- ▶ 20 topics with various themes.
- ▶ Building manual included (A4 32 pages).
- ▶ Digital handouts available for download.
- ▶ Ideal for ages 3-6.

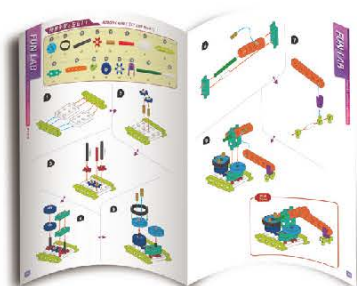






# #1208 CREATIVE ROBOTS

20  
models  
53 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/9.86 kgs

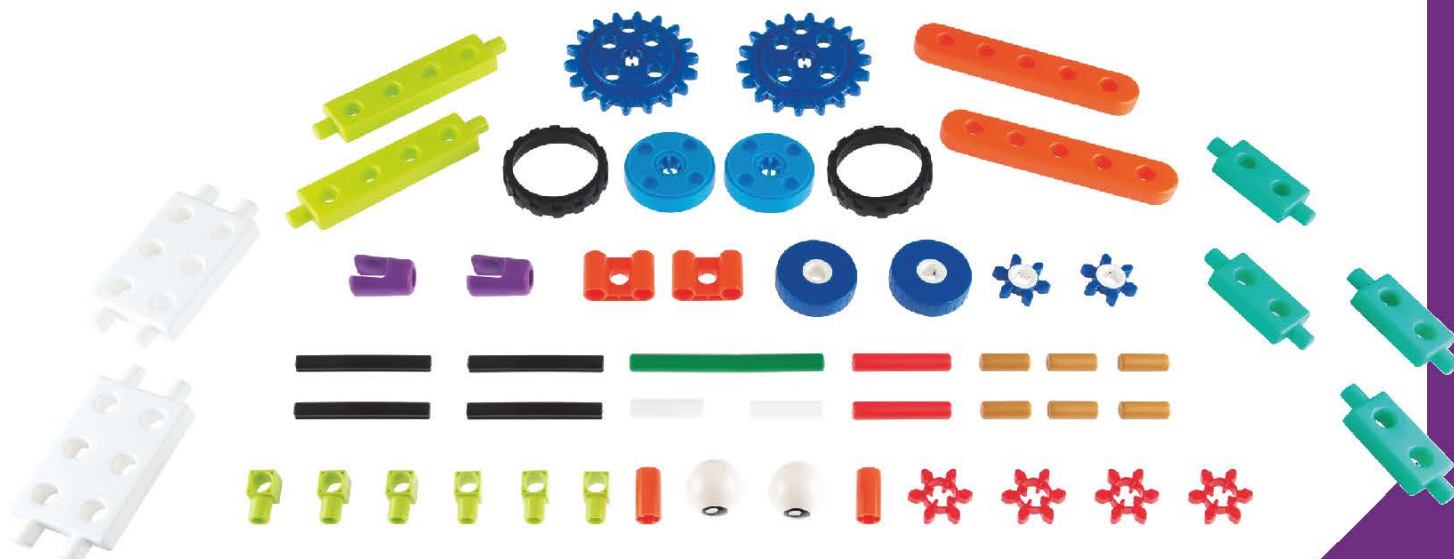
718×382×339mm



4 716503 112084

## THE PRODUCT INCLUDES :

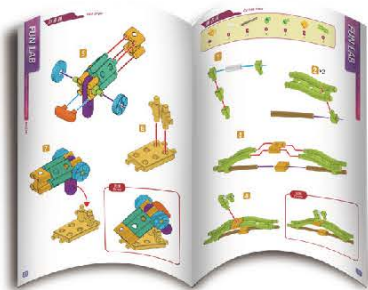
- ▶ Suggested Time: 1 hr/ course.
- ▶ 20 topics with various themes.
- ▶ Building manual included (A4 36 pages).
- ▶ Digital handouts available for download.
- ▶ Ideal for ages 3-6.





## #1274 CREATIVE TRACK

20  
models  
58 PCS



A4 40 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.35kgs

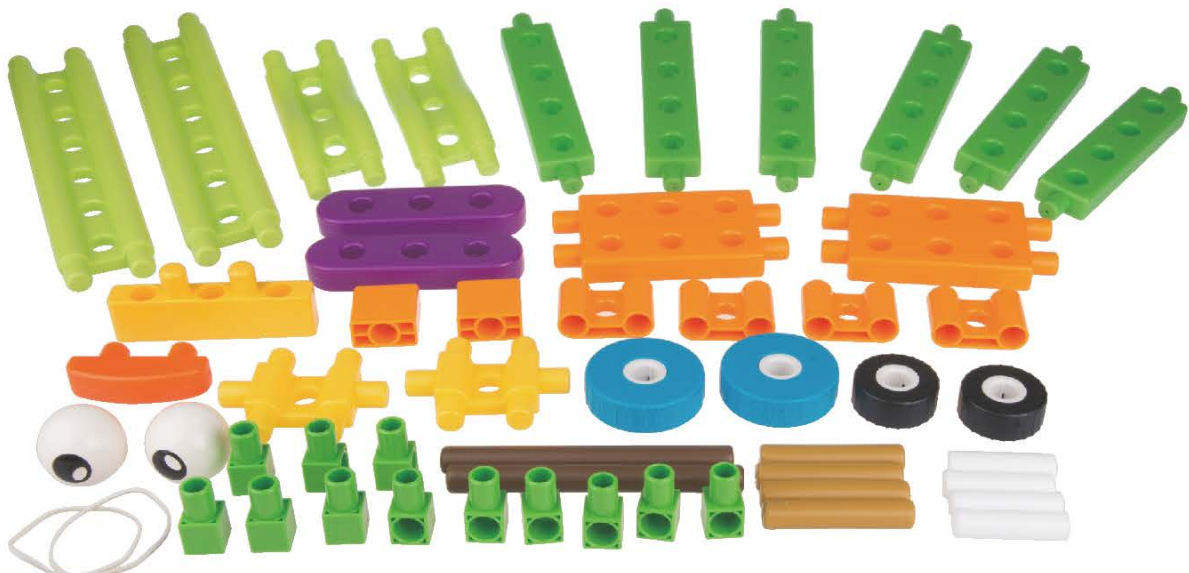
718×382×339mm



4 716503 112749

### THE PRODUCT INCLUDES :

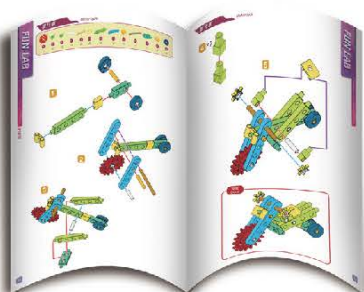
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 40 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for pre-kindergartener's 1st semester (1st-2nd school terms).





# #1275 CREATIVE MACHINE

20  
models  
56 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.71 kgs

718×382×339mm



4 716503 112756

## THE PRODUCT INCLUDES :

- Course Period : 1 hr/ course.
- 20 courses with various subjects.
- Building manual included (A4 36 pages).
- Digital handouts available for download.
- Great choice for pre-kindergartener's 2nd semester (3rd-4th school terms).





## #1259 CREATIVE DREAMER

20  
models  
136 PCS



A4 36 PAGES



**SERIES :** Fun Lab

**AGE :** 3+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/12.00 kgs

718×382×339mm



4 716503 112596

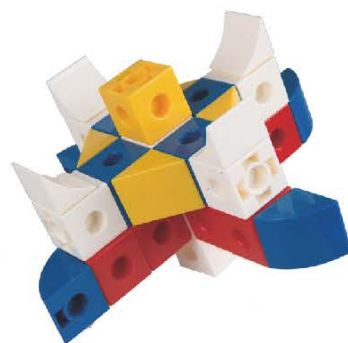
### THE PRODUCT INCLUDES :

- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 36 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for kindergartener's 1st semester (1st-2nd school terms) and recommended for after-school program.





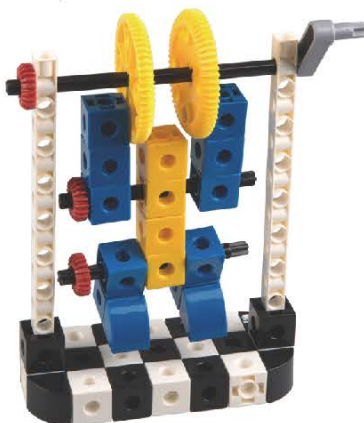
# #1260 CREATIVE CUBE



40  
models  
314 PCS



A4 68 PAGES



**SERIES :** Fun Lab

**AGE :** 7+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/11.40 kgs

718×382×339 mm



## THE PRODUCT INCLUDES :

- ▶ Course Period : 1 hr/ course.
- ▶ 40 courses with various subjects.
- ▶ Building manual included (A4 68 pages).
- ▶ Digital handouts available for download.
- ▶ Great choice for kindergartener's 2nd semester (3rd-4th school terms) and recommended for connecting program to Elementary school.





## #1261 SCIENTIFIC TOUR

40  
models  
256 PCS



A4 68 PAGES



**SERIES :** Fun Lab

**AGE :** 7+

**ITEM SIZE :** 370×170×240 mm

6 sets/3.29cuft/10.98 kgs

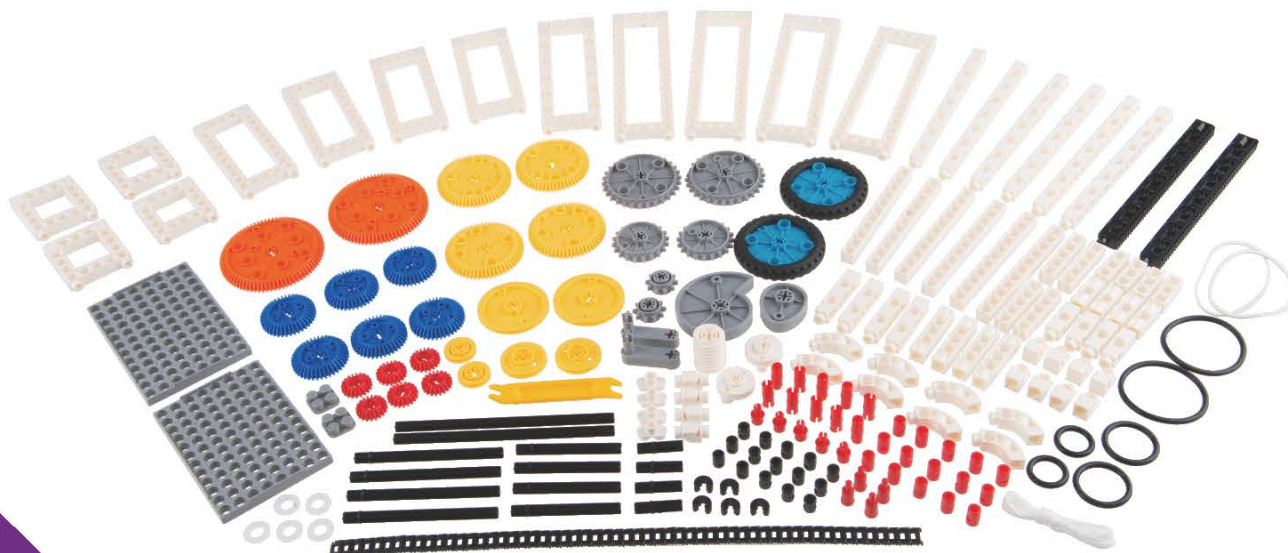
718×382×339 mm



4 716503 112619

### THE PRODUCT INCLUDES :

- ▶ Course Period : 1 hr/ course.
- ▶ 40 courses with various subjects.
- ▶ Building manual included (A4 68 pages).
- ▶ Digital handouts available for download.
- ▶ Recommended for after-school program and school club
- ▶ Additional extended 6 creative topics.



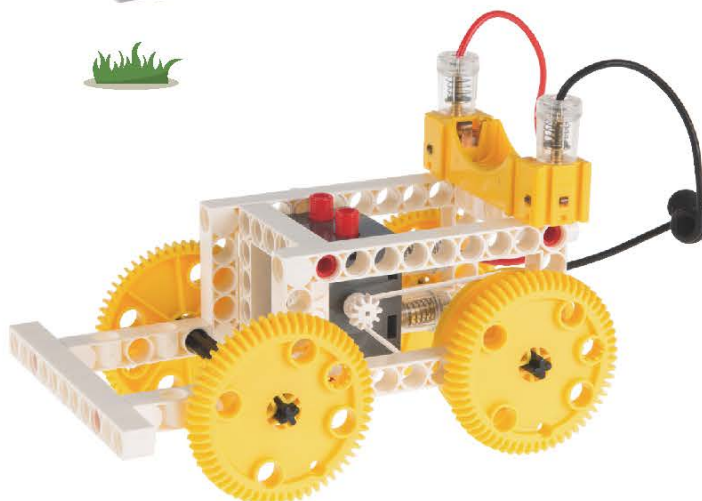
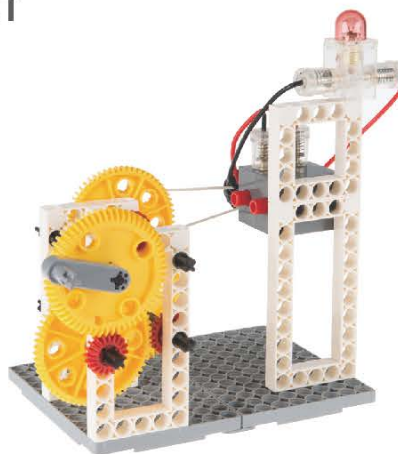


# #1262R ELECTRICITY KIT

20  
models  
22 PCS



A4 48 PAGES



**SERIES :** Fun Lab

**AGE :** 8+

**ITEM SIZE :** 210×300×50 mm

6 sets/1.08cuft/3.87 kgs

388×321×245mm



4 716503 126210

## THE PRODUCT INCLUDES :

- ▶ Supplementary package that needs to work with #1261.
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 48 pages).
- ▶ Digital handouts available for download.
- ▶ Requires 2 AA/LR06 batteries - not included.



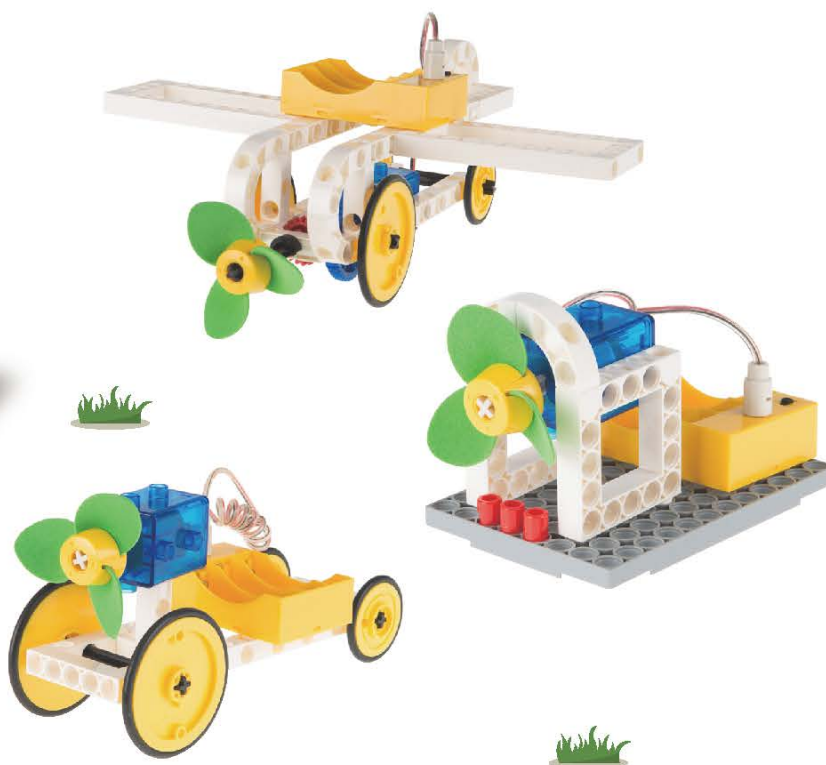


## #1264R PNEUMATICS KIT

20  
models  
10 PCS



A4 44 PAGES



**SERIES :** Fun Lab

**AGE :** 8+

**ITEM SIZE :** 210×300×85 mm

6 sets/1.54cuft/3.77 kgs

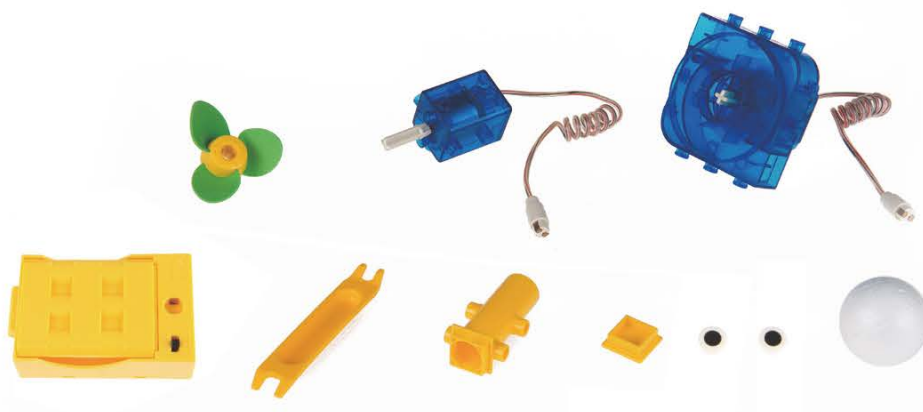
552×321×245mm



4 716503 126418

### THE PRODUCT INCLUDES :

- ▶ Supplementary package that needs to work with #1261.
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 44 pages).
- ▶ Digital handouts available for download.
- ▶ Requires 3 AA/LR06 batteries - not included.





# #1265R WIND POWER KIT

20  
models  
26 PCS



A4 44 PAGES



**SERIES :** Fun Lab

**AGE :** 8+

**ITEM SIZE :** 210×300×50 mm

6 sets/1.08cuft/3.72 kgs

388×321×245mm



4 716503 126517

## THE PRODUCT INCLUDES :

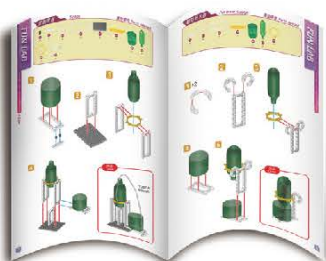
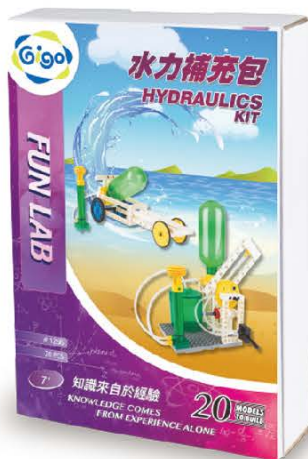
- Supplementary package that needs to work with #1261.
- Course Period : 1 hr/ course.
- 20 courses with various subjects.
- Building manual included (A4 44 pages).
- Digital handouts available for download.
- Requires 1 AA/LR06 battery - not included.





## #1266 HYDRAULICS KIT

20  
models  
21 PCS



A4 44 PAGES

**SERIES :** Fun Lab

**AGE :** 7+

**ITEM SIZE :** 210×300×85 mm

6 sets/1.08cuft/4.66 kgs

552×321×245mm



4 716503 112664



### THE PRODUCT INCLUDES :

- Supplementary package that needs to work with #1261.
- Course Period : 1 hr/ course.
- 20 courses with various subjects.
- Building manual included (A4 44 pages).
- Digital handouts available for download.

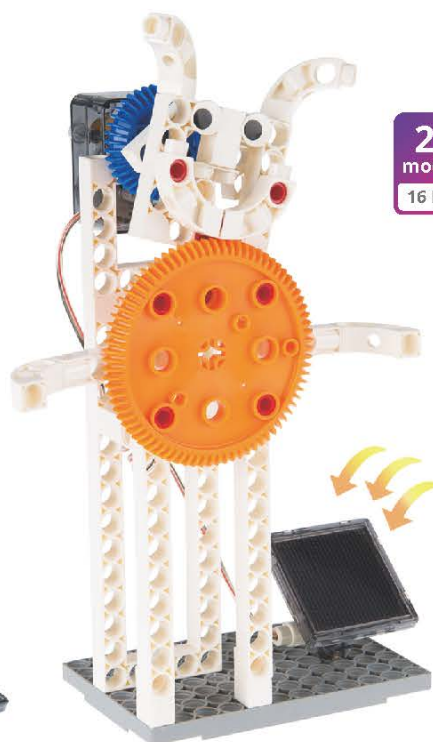




# #1267R SOLAR POWER KIT



A4 48 PAGES



20  
models  
16 PCS



**SERIES :** Fun Lab

**AGE :** 8+

**ITEM SIZE :** 210×300×50 mm

6 sets/1.08cuft/3.00 kgs

388×321×245mm



4 716503 126715

## THE PRODUCT INCLUDES :

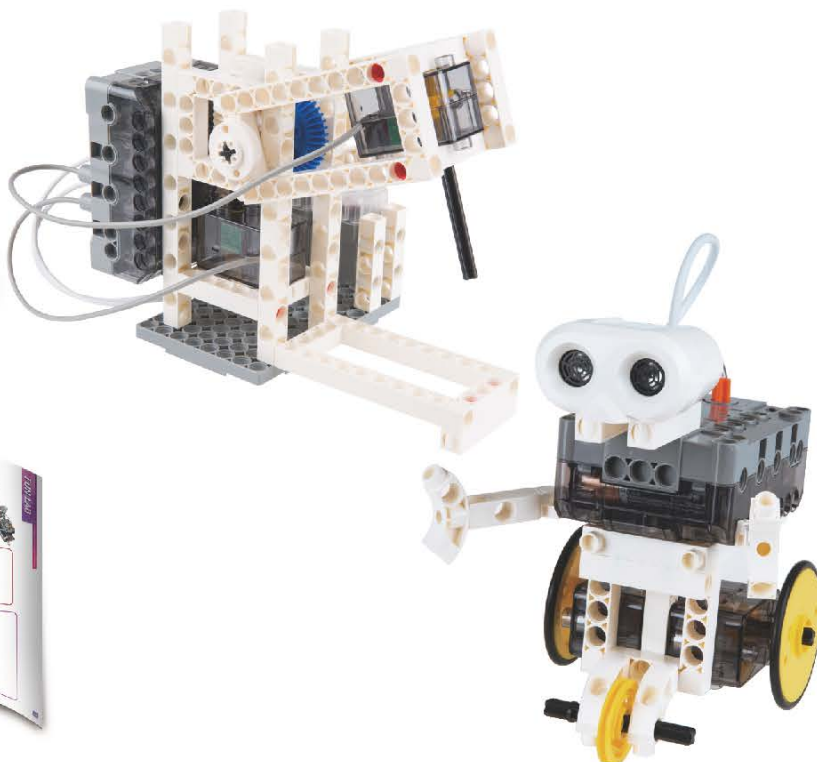
- Supplementary package that needs to work with #1261.
- Course Period : 1 hr/ course.
- 20 courses with various subjects.
- Building manual included (A4 48 pages).
- Digital handouts available for download.
- Requires 1 AA/LR06 battery - not included.





## #1268 BASIC PROGRAMMABLE KIT

20  
models  
12 PCS



A4 52 PAGES

**SERIES :** Fun Lab

**AGE :** 10+

**ITEM SIZE :** 210×300×85 mm

6 sets/1.54cuf/4.54 kgs

552×321×245mm



### THE PRODUCT INCLUDES :

- ▶ Supplementary package that needs to work with #1261.
- ▶ Course Period : 1 hr/ course.
- ▶ 20 courses with various subjects.
- ▶ Building manual included (A4 52 pages).
- ▶ Digital handouts available for download.
- ▶ Requires 6 AA/LR06 batteries - not included.







# #1270 FUN WITH MECHANISM

40  
models  
445 PCS



A4 72 PAGES



**SERIES :** Fun Lab

**AGE :** 7+

**ITEM SIZE :** 445×240×210 mm

4 sets/3.28cuft/12.65 kgs

445×430×485mm



4 716503 112701

## THE PRODUCT INCLUDES :

- ▶ Course Period : 1 hr/ course.
- ▶ 40 courses with various subjects.
- ▶ Building manual included (A4 72 pages).
- ▶ Digital handouts available for download.
- ▶ Kids can combine the models together with the individual-built model by each kid.





# LEARNING LAB

In Learning Lab Series, there are four learning categories in the overall Learning Lab framework: Creative World, Scientific Experiment, Technology Explorer and Brick Contraption.

Each category is further developed into topic-centric learning modules that introduce adequate level of depth in underlying science and engineering principles according to different age groups.

## Smart Manual Web Service

Gigo has re-launched the new version of the Smart Manual App on iOS and Android mobile platforms - Smart Manual Web Service ( SMWS ) since 2019.

Example for SMWS  
#1269  
Model: Metal Detector



[https://build.t2t.io/player\\_glb?script=BSr7sKQB1KRPRm9r](https://build.t2t.io/player_glb?script=BSr7sKQB1KRPRm9r)



	Smart Manual APP	SMWS
Operation System(OS)	Incompatibility issues may arise with earlier or later OS versions	Web service not restricted by OS
Requirement	Apple Store or Google Play installer	No installation required (IE, FF, C, Safari compatible)
Accessibility	Phones or tablets only	Phone, Tablet, Computer
Storage	Requires download	Temporary internet files only
Play mode	Fast forward/rewind only	Increased flexibility, option to improve over time without user intervention
QR code	In app scanner only	Any QR scanner



**Focuses on  
learning-by-doing.**

**1 Scenario & Brainstorming**



**2 Material & Construction**



**5 Disassemble and Return**



**4 Share and Feedback**



**3 Play and Compete**

**Team Work**

**Construction Skill**

**The Foundation of Science**

**The Foundation of Mathematics**

**Eye-Hand Coordination**

**Muscle Development**

**Fun with storyline**

**Rich curriculum**

**Self-Design**

**Art**



## Creative World

#1230R	#1231R	#1232R	#1233R



## Scientific Experiment

#1234R	#1235R	#1236RR	#1241R	#1242RR	#1243RR



## #1230R WONDERFUL WORLD

30  
COURSES  
73 PCS



A4 68 PAGES



**SERIES:** Learning Lab

**Age:** 3+

**Learning Time:** 30 mins/model

**Total Models:** 30 models  
(24 models and 6 creative works)

**Content:** 30 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.11 kgs

445×430×485 mm



4 716503 123011

### FEATURES

- Construct interesting animals in nature and understand the nature world. Develop gross and fine motor skills, as well as concepts of symmetry and sequence.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.





# #1231R THEME PARK

30  
COURSES  
132 PCS



A4 72 PAGES



**SERIES:** Learning Lab

**Age:** 3+

**Learning Time:** 30 mins/model

**Total Models:** 30 models(24 models and 6 creative works)

**Content:** 30 Courses

**Item Size:** 445×240×400 mm

2 sets/3.18 cuft/10.00 kgs

455×415×476 mm



4 716503 123110

## FEATURES

- Design the ball track and learn gravity and inclined plane. Kids can also understand the gear and gear transmission.

## THE PRODUCT INCLUDES

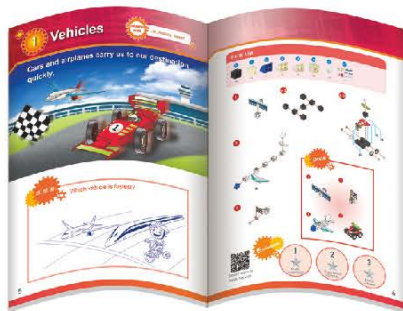
- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.



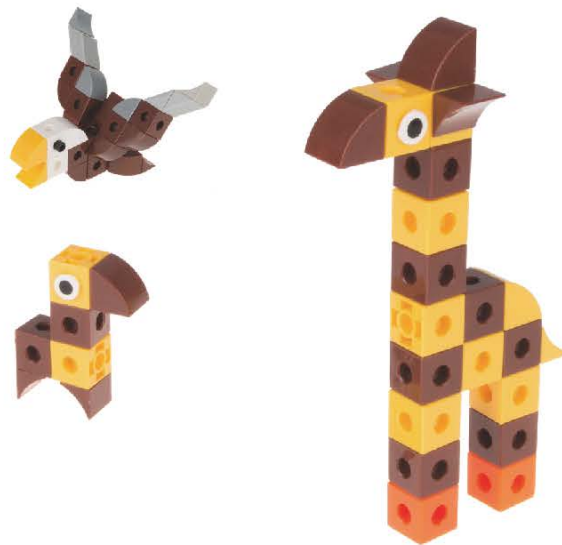


## #1232R LITTLE ARTIST

30  
COURSES  
488 PCS



A4 68 PAGES



**SERIES:** Learning Lab

**Age:** 3+

**Learning Time:** 30 mins/model

**Total Models:** 30 models  
(24 models and 6 creative works)

**Content:** 30 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/10.92 kgs

445×430×485 mm



### FEATURES

- ▶ Assemble the cubes and have lots of fun creating various models. Kids will develop the concept of construction step by step and perform on the works.

### THE PRODUCT INCLUDES

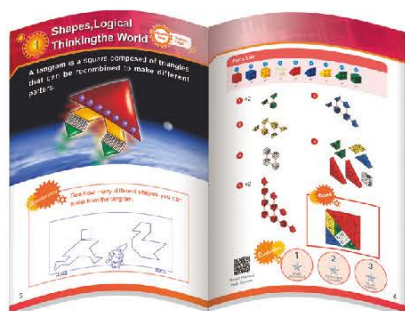
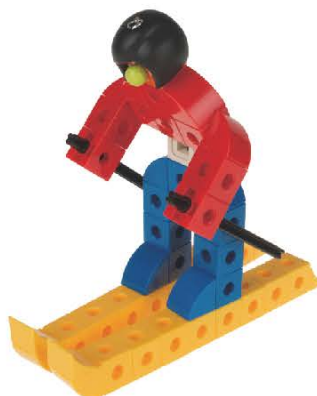
- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.





# #1233R FUN CUBE

30  
COURSES  
416 PCS



A4 68 PAGES



**SERIES:** Learning Lab

**Age:** 3+

**Learning Time:** 30 mins/model

**Total Models:** 30 models  
(24 models and 6 creative works)

**Content:** 30 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.86 kgs

445×430×485 mm



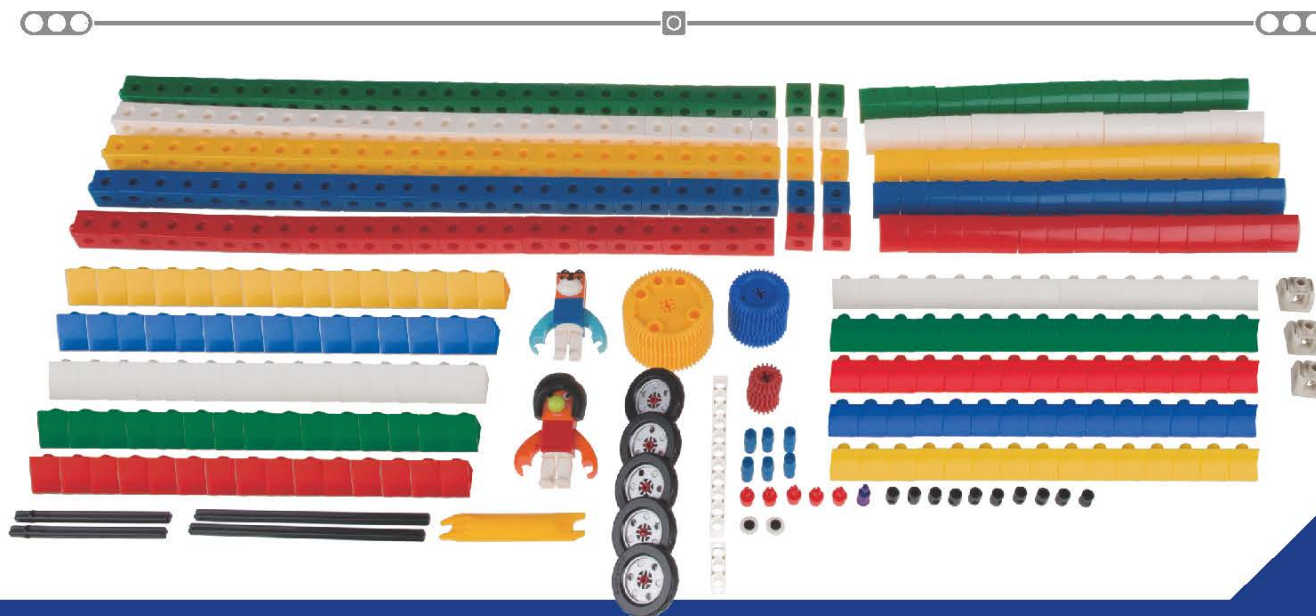
4 716503 123318

## FEATURES

- Enhance the recognition of color and shape as well as cultivate the sense of art. Kids will accumulate the capability in every practice and bring the creativity into play.

## THE PRODUCT INCLUDES

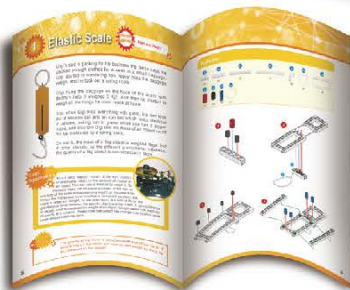
- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.





## #1234R FORCE AND SIMPLE MACHINE

20  
COURSES  
268 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models  
(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/7.20 kgs

445×430×485 mm



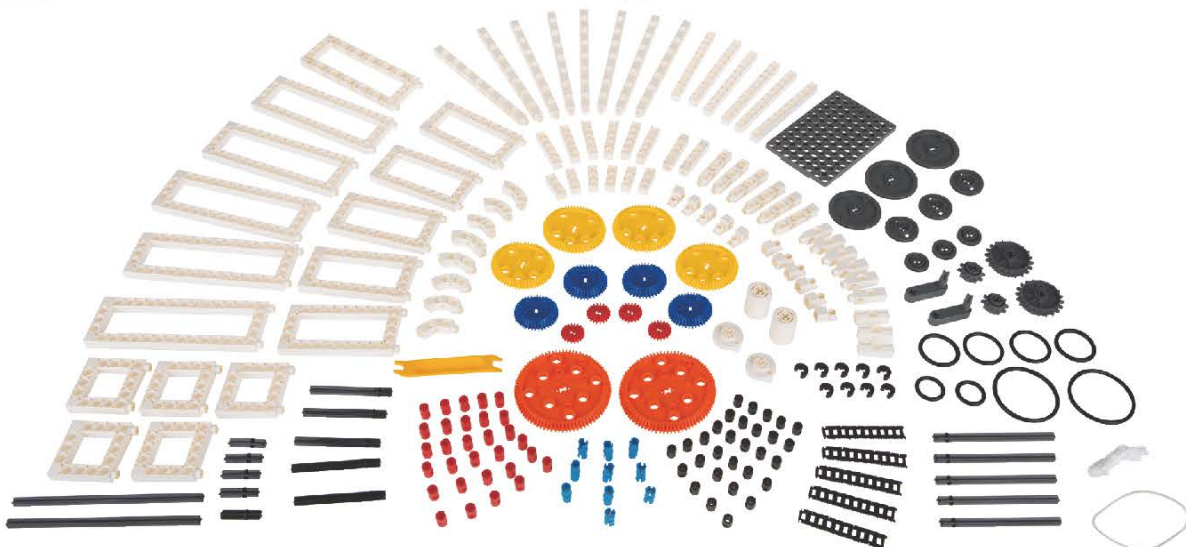
4 716503 123417

### FEATURES

- Study simple machine by the assembly of gears and other components. Kids can combine the theories and practice together by experiments.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.

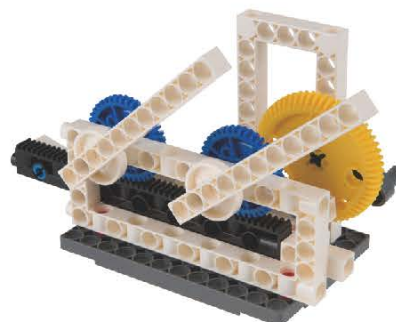






# #1235R MOTION AND MECHANISM

20  
COURSES  
325 PCS



A4 88 PAGES

**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28cuft/7.39 kgs

445×430×485 mm



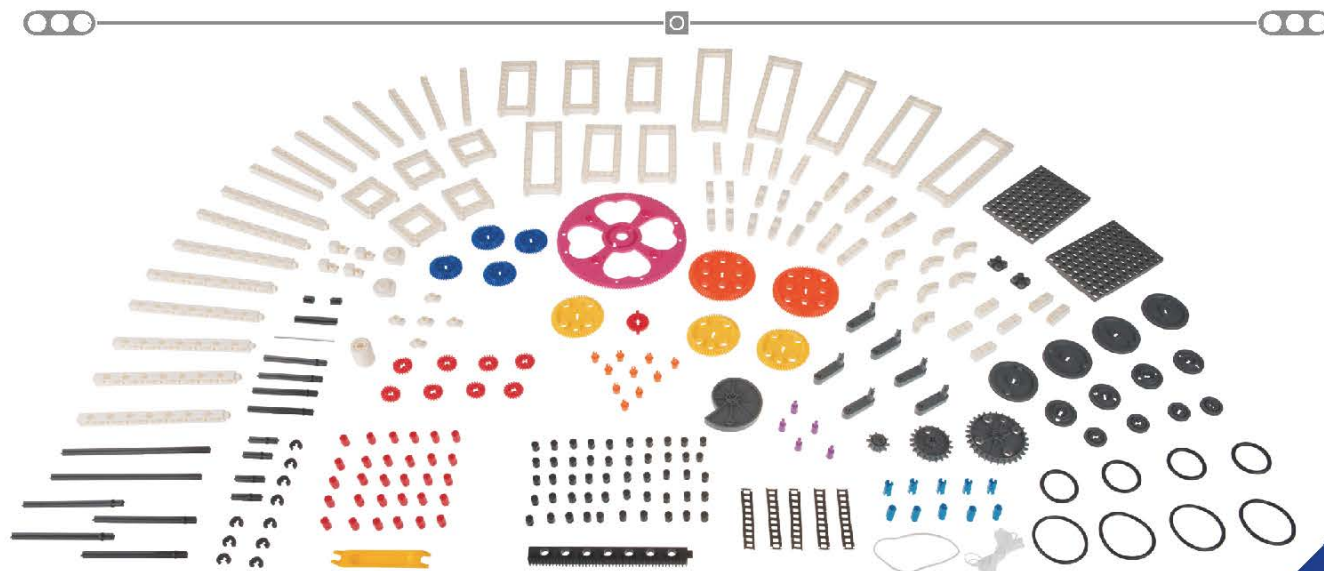
4 716503 123516

## FEATURES

- Explore the topics of lever, pendulum, object displacement, etc. And establish the practical machines in daily life with the bricks.

## THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.



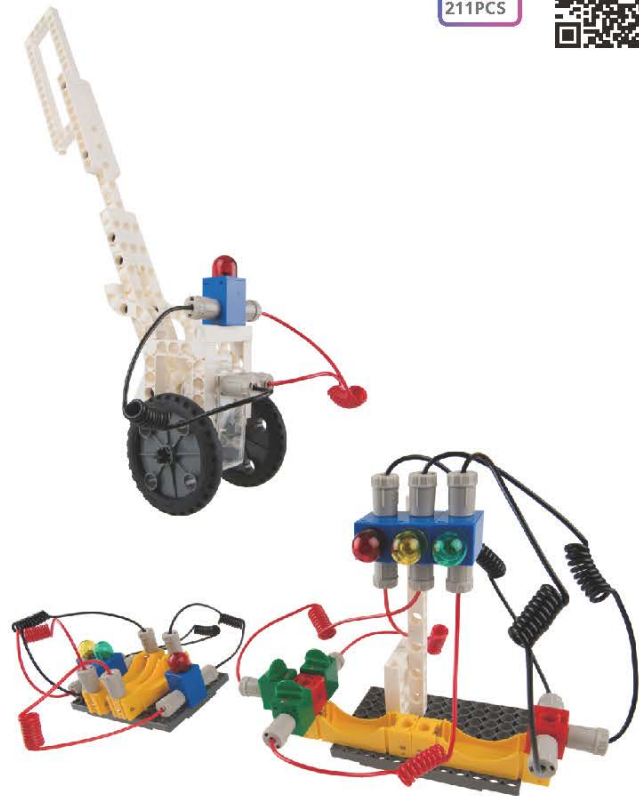


## #1236RR ELECTRICITY AND CIRCUIT

20  
COURSES  
211PCS



A4 84 PAGES



**SERIES:** Learning Lab

**Age:** 8+

**Learning Time:** 40 min/model

**Total Models:** 20 models(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm



4 sets/3.28 cuft/8.32 kgs



445×430×485 mm



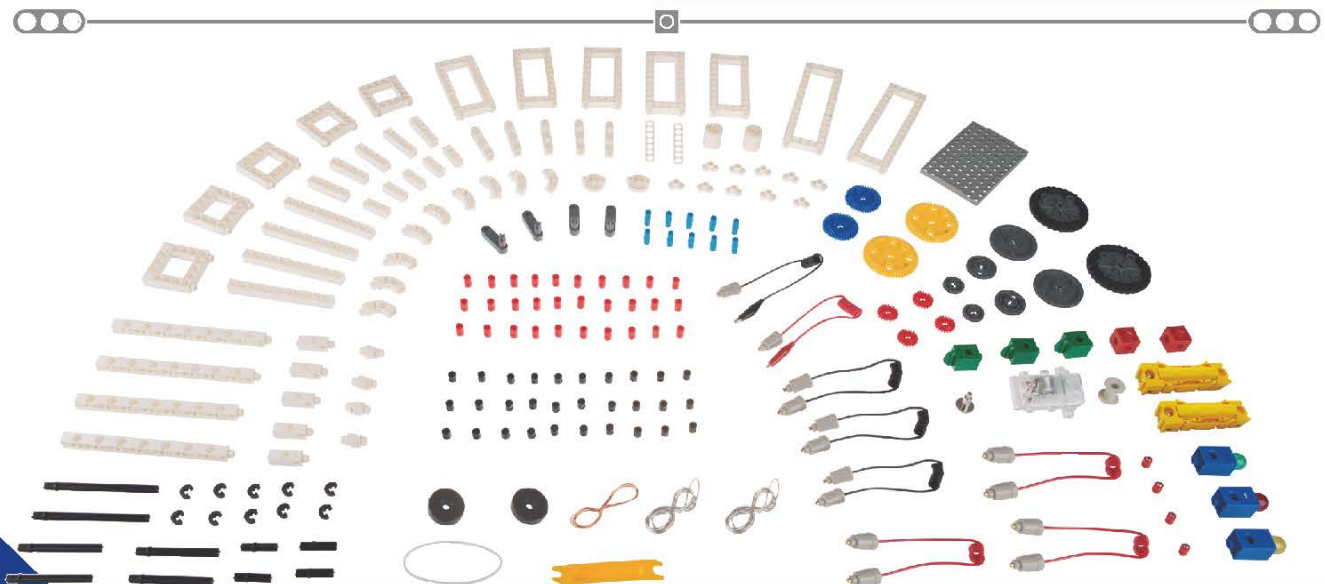
4 716503 123622

### FEATURES

- Use Gigo designed battery holder, kids can learn the topics of circuit, current, series connection and parallel connection safely. Further kids can design own electricity generator.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 2 AA/LR06 batteries - not included.

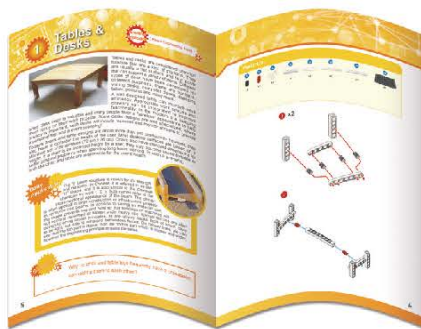
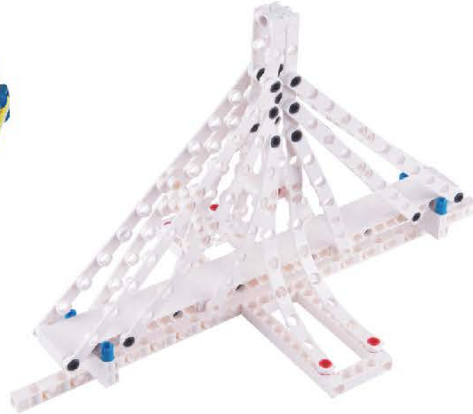






# #1237R ARCHITECTURE AND STRUCTURAL ENGINEERING

20  
COURSES  
428PCS



A4 84 PAGES

**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 min/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm



4 sets/3.28 cuft/8.80 kgs

445×430×485 mm



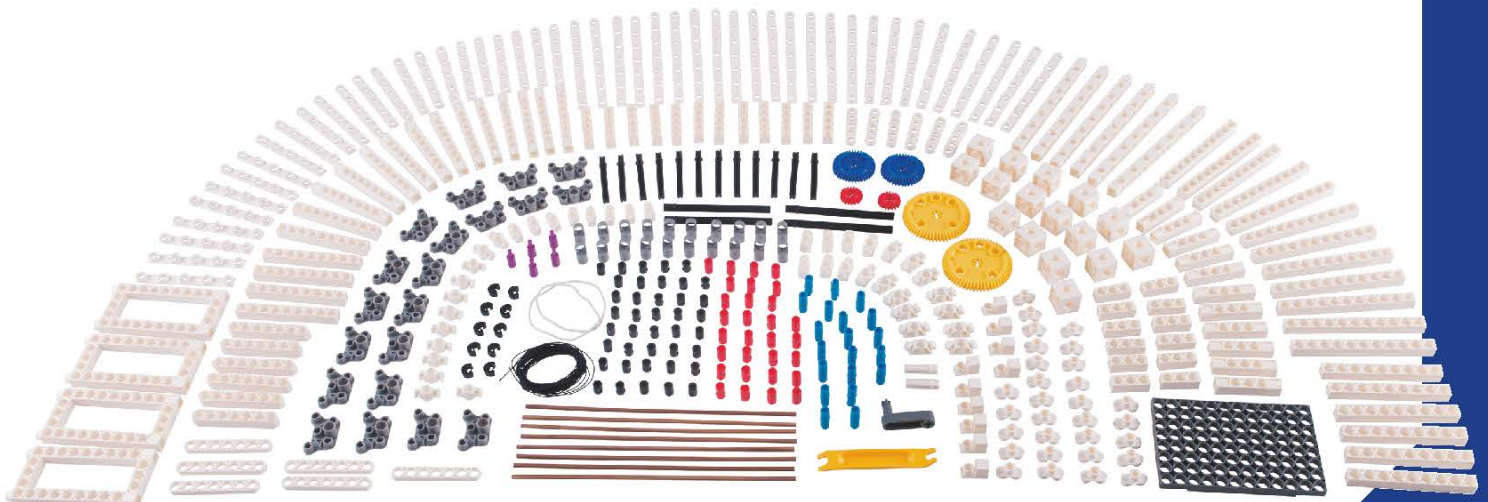
4 716503 123714

## FEATURES

- Learn various architectural structures with Gigo rigid and flexible structural rods.
- Make a seismic simulator with blocks, rods, and gears to simulate earthquake conditions, let children operate the seismic simulator and observe what happens to different structures during earthquake.
- There are 16 models, from basic to advanced level. Fun, easy to assemble, easy to learn, and helpful for developing students' logical thinking and creativity through experiments.

## THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.





## #1238RR GAS AND PNEUMATICS

20  
COURSES  
143 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 8+

**Learning Time:** 40 mins/model

**Total Models:** 20 models  
(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm



4 sets/3.28 cuft/8.24 kgs



445×430×485 mm



4 716503 123820

### FEATURES

- Utilize the power of the air and let kids experience the acting force and reacting force. Learn the change of airflow and develop an interesting gadget.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 6 AA/LR06 batteries - not included.





# #1239RR WIND POWER

20  
COURSES  
154 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/8.42 kgs

445×430×485 mm

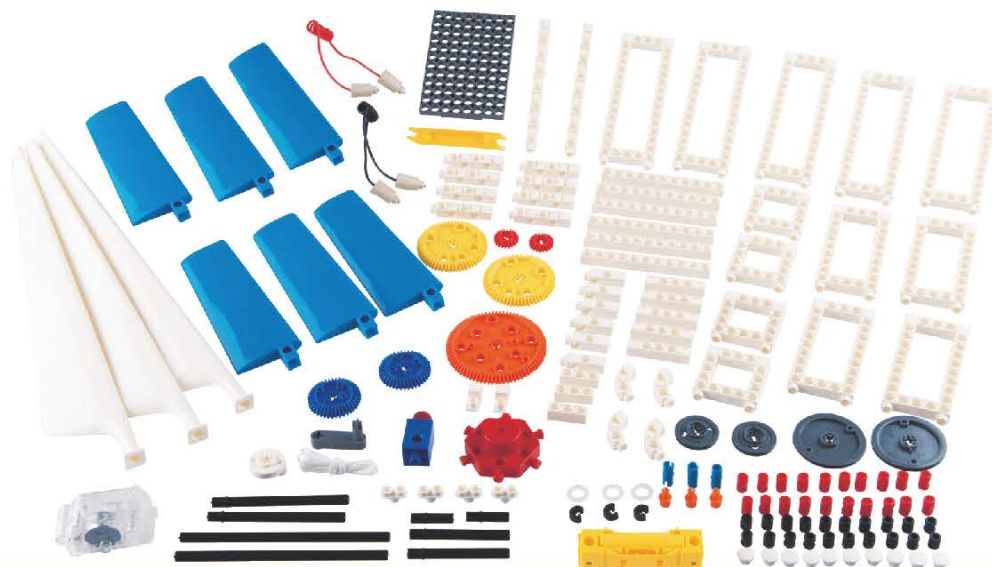


## FEATURES

- Explore the wind power and study how to utilize the energy of wind power. Kids will understand the green energy and energy conservation.

## THE PRODUCT INCLUDES

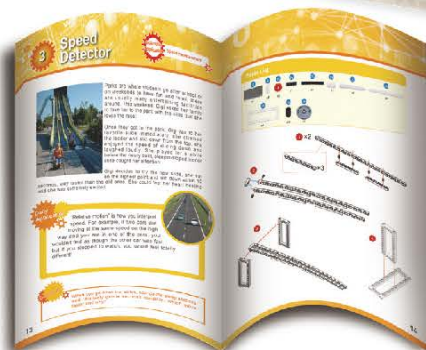
- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 1 AA/LR06 battery - not included.





## #1240RR LIGHT AND SOLAR ENERGY

20  
COURSES  
168 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models (16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/8.42 kgs

445×430×485 mm



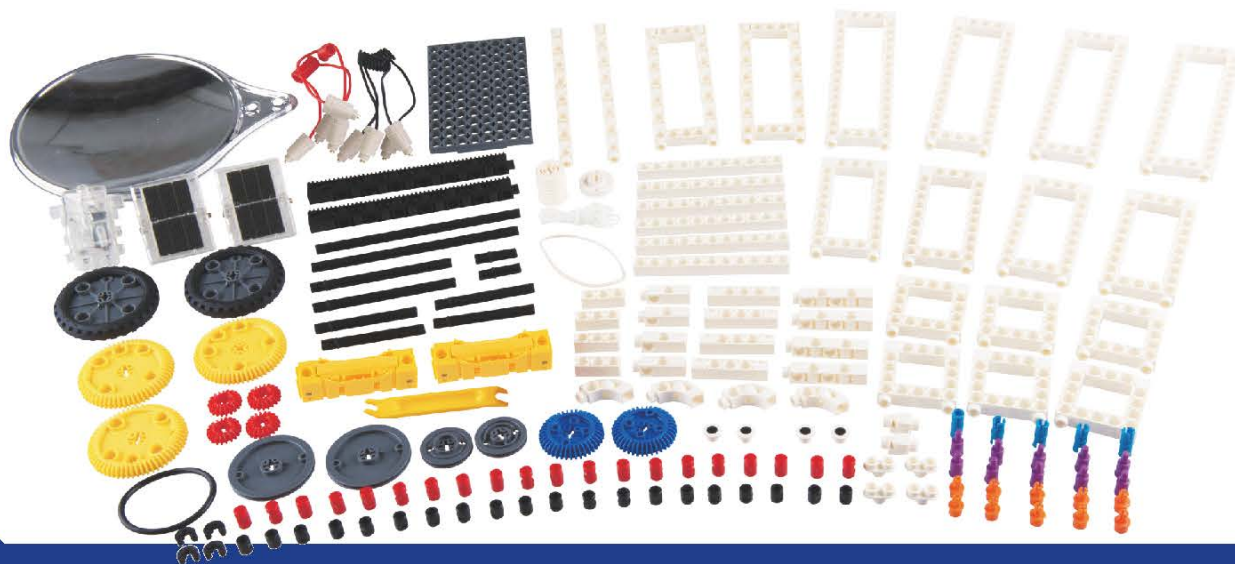
4 716503 124025

### FEATURES

- Study the theory of solar energy by Gigo designed solar panel. Educate the kids to cherish the energy and explore the applications of solar energy.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 2 AA/LR06 batteries - not included.

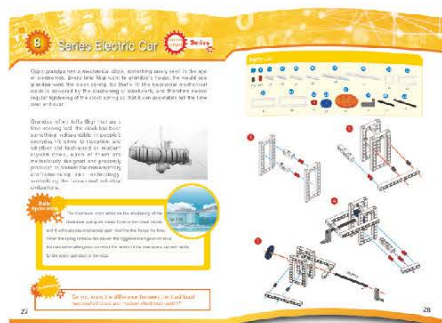






# #1241R LIQUID AND HYDRAULICS

20  
COURSES  
178 PCS



A4 84 PAGES

**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.77 kgs

445×430×485 mm



4 716503 124117

## FEATURES

- Explore the theory of hydraulics and atmospheric pressure. Apply the knowledge of potential energy on your device and observe the force of the water.

## THE PRODUCT INCLUDES

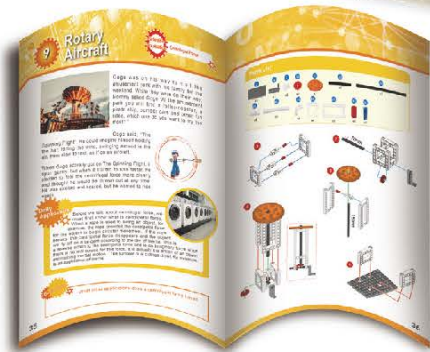
- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.



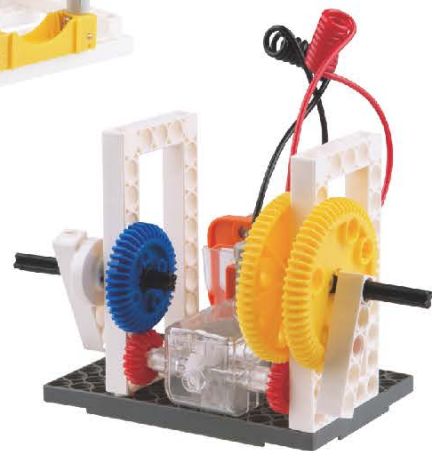
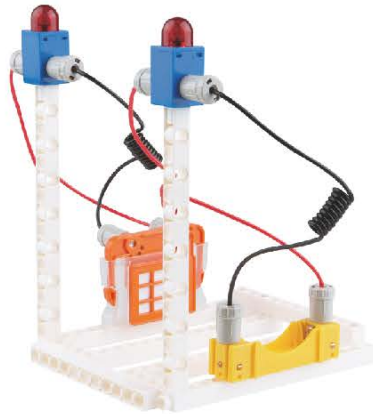


## #1242RR CHEMICAL BATTERY

20  
COURSES  
154 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm



4 sets/3.28 cuft/8.32 kgs



445×430×485 mm



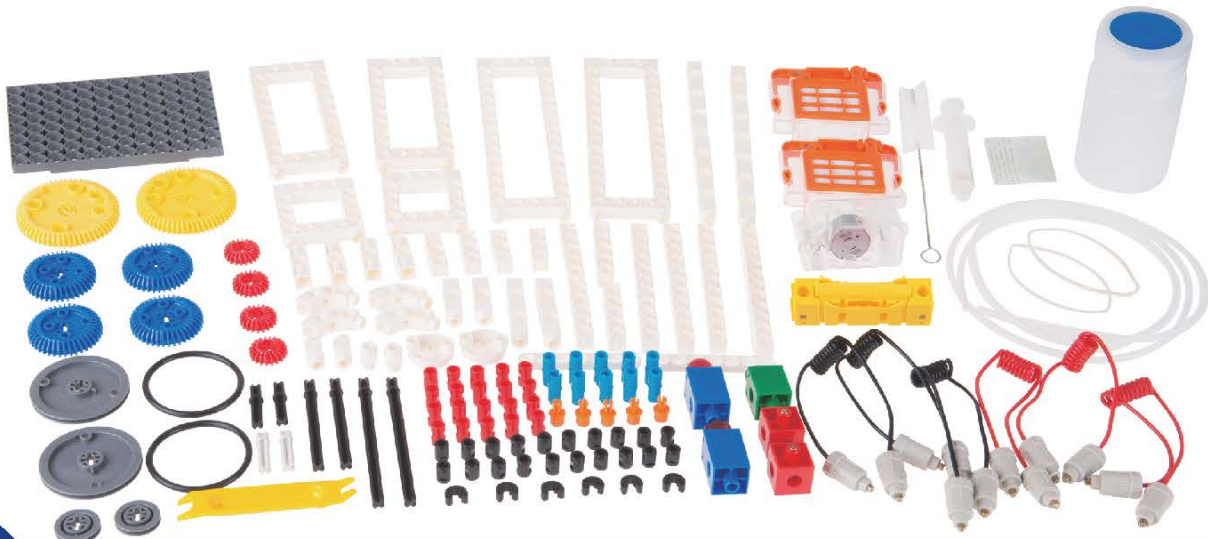
4 716503 124223

### FEATURES

- Learn the changes of liquor and concentration by doing a simple chemical experiment. Further kids can study the applications of fuel cell.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 1 AA/LR06 battery - not included.





# #1243RR OPTICAL DEVICES

20  
COURSES  
265 PCS



A4 80 PAGES



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.05 kgs

445x430x485 mm



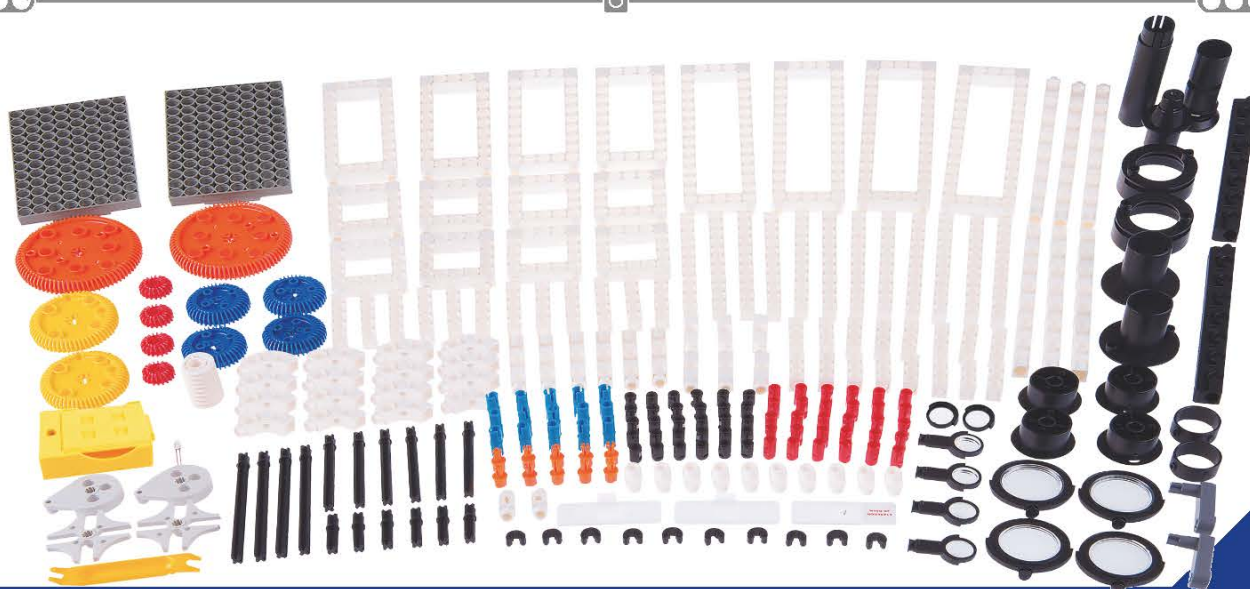
4 716503 124322

## FEATURES

- Try various combination of lens and experience the effects of images and vision. Kids can learn the applications of telescope and microscope.

## THE PRODUCT INCLUDES

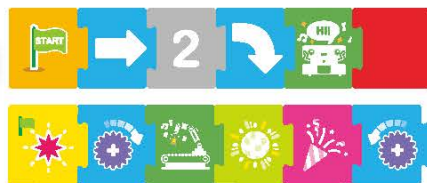
- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 2 AA/LR06 batteries - not included.





## #1205 PROGRAMMING EDUCATION ROBOT 2.0

20  
COURSES  
273 PCS



A4 76 PAGES



A4 84 PAGES

**SERIES:** Learning Lab

**Age:** 4+

**Learning Time:** 50 mins/model

**Total Models:** More than 30 models + creative models

**Content:** 40 (20+20) Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/13.35 kgs

445×430×485 mm



4 716503 112053

### FEATURES

- Kid can learn numerous basic coding program concepts by completing our lesson challenges which encourages hands-on involvement with the robot and the code cards. There are many scenarios and stories to make learning fun!
- It is an ideal toy for a child to learn basic coding logic and requires no additional technology like tablets or smart phones.
- This product includes: 108 code cards, 16 map cards, 3 base map cards, 1 Robotic Base Unit and an assortment of blocks for building different models.
- The "Base Unit" reads the coding cards which command it to move (FWD, BWD, turn L/R, pause and spin). There is an external gear on the Base Unit which can interact with other models or functions on the robot.
- It comes with sound and light effects.
- The special printed cards material.
- Redesigned interlocking code cards make it even easier to write programs.
- #1032 Multifunction sorting tray-B Included.

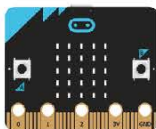
### THE PRODUCT INCLUDES

- Student workbook Basic (20 courses) for kindergarten
- Student workbook Advanced (20 courses) for elementary school (optional).
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- #1032 Multifunction sorting tray-B included.
- Requires 3 AA/LR06 batteries - not included.



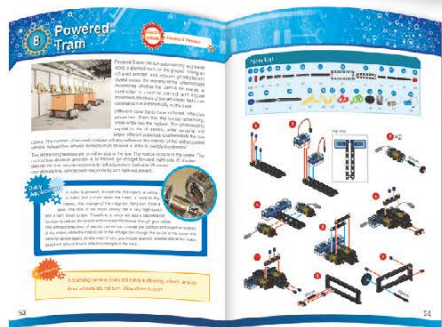


# #1269 micro:bit COMPATIBLE ROBOTS

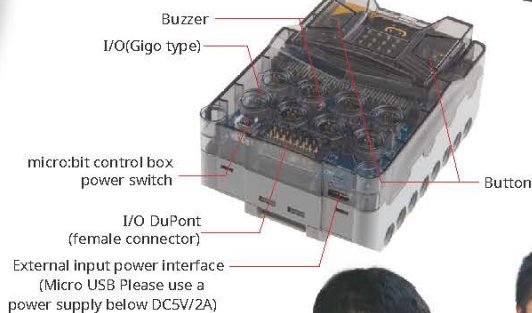


micro:bit  
(not included)

20  
COURSES  
259 PCS



A4 128 PAGES



## #1269 Basic SUPPLEMENTARY MATERIAL



Get the basic online manual free  
if you have #1269 set.

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50 mins/model

**Total Models:** 22 models(18 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/12.32 kgs

445x430x485 mm



4 716503 112695

### FEATURES

- ▶ Gigo control box can be compatible with micro:bit mainboards v1.5 or v2.0 (not included) to make the Gigo blocks more interactive.
- ▶ Learn the knowledge of programming in graphical interface.

### THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.
- ▶ #1039 Multifunction sorting tray-A included.
- ▶ Requires 6 AA/LR06 batteries - not included.
- ▶ Note: Basic courses are supplied as a separate digital file.

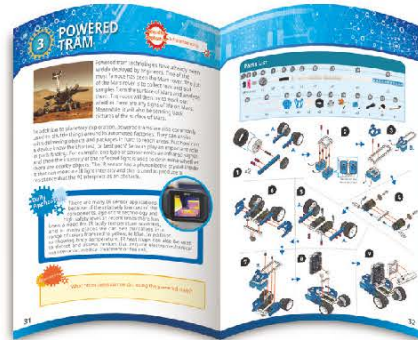




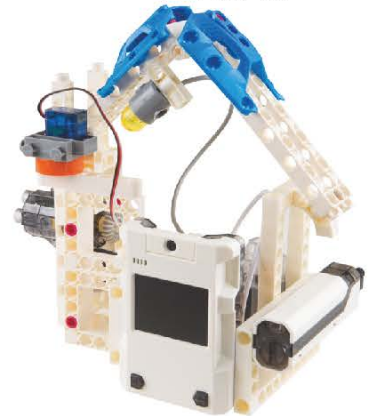
## #1206 AI EDUCATIONAL BLOCKS



20  
COURSES  
147 PCS



A4 120 PAGES



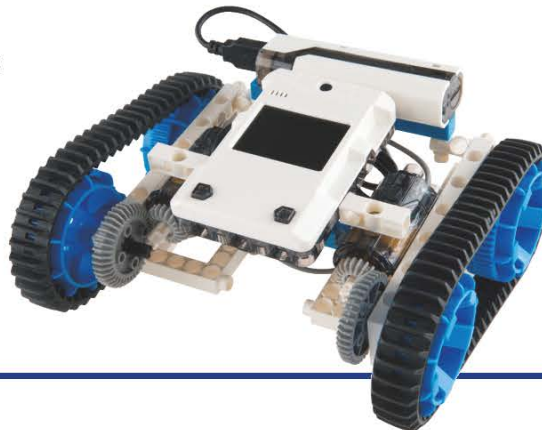
**SERIES:** Learning Lab  
**Age:** 10+  
**Learning Time:** 50 mins/model  
**Total Models:** 20 models  
(16 models and 4 creative works)  
**Content:** 20 Courses  
**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/12.40 kgs

445×430×485 mm



4 716503 112060



WEBDUINO



FAQ

### FEATURES

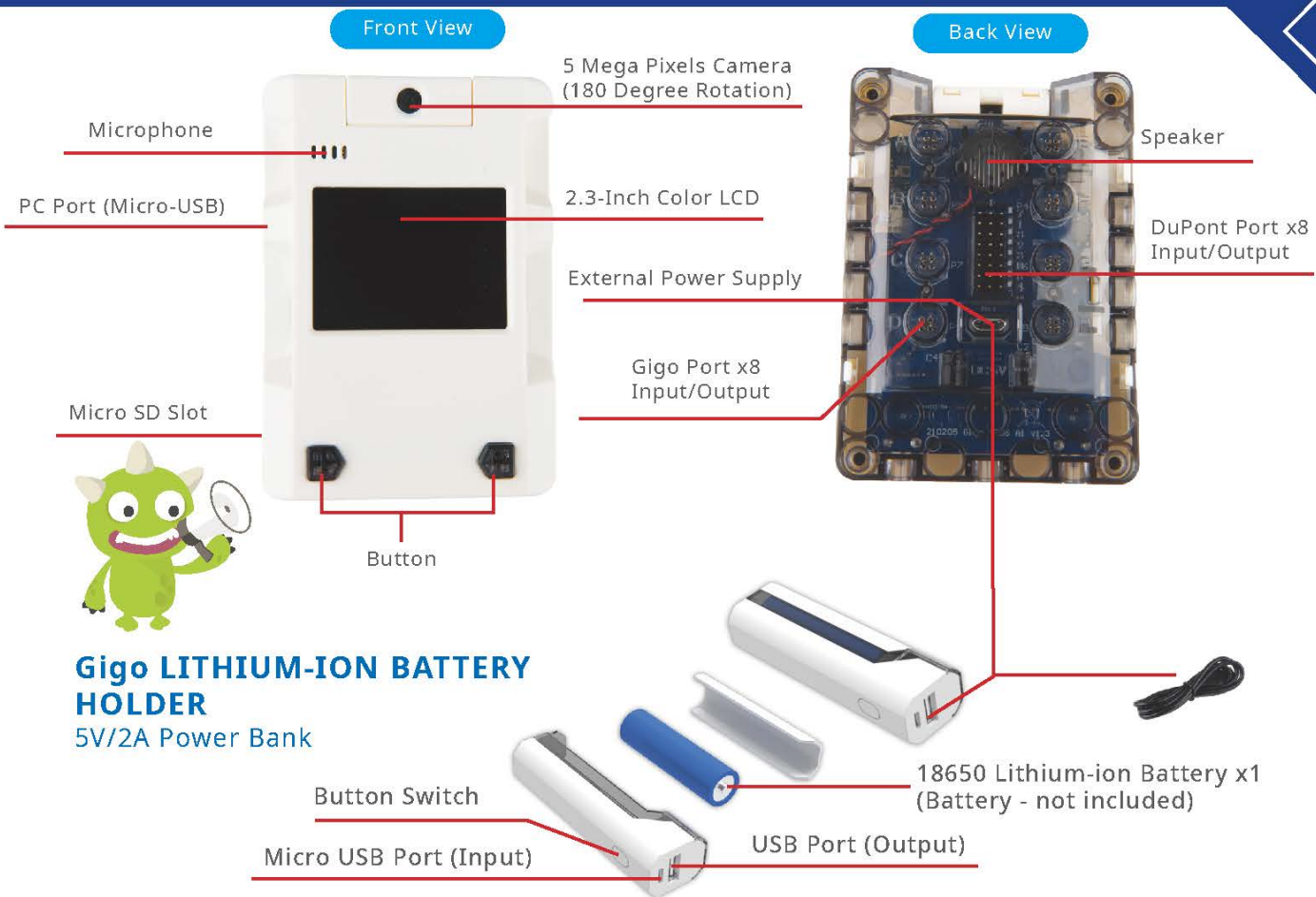
- ▶ Make your projects come alive using AI building blocks and the Web:AI cloud intelligence platform, included cameras, microphones, speakers and other devices so your inventions can observe and sense the environment around them.
- ▶ Set includes a free lifetime membership for Web:AI.
- ▶ Using edge computing and Wi-Fi to get the most out of your AI cloud services. Develop machines that can identify, sort and react to license plates, faces, emotions, animal types and recognize English letters.
- ▶ Build projects that perform object or line tracking, facial, object, color, label recognition.

### THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.
- ▶ Requires one lithium-ion battery (18650) or use a portable charge - not included.
- ▶ Includes #1206-1 battery holder.







## Gigo LITHIUM-ION BATTERY HOLDER

5V/2A Power Bank

# #1206-1 Gigo LITHIUM-ION BATTERY HOLDER

0  
model  
1 PC



**Item Size:** 35×35×105 mm  
 20 sets/1.50 cuft/0.83 kgs  
 233×194×94 mm

### FEATURES

- ▶ 18650 battery holder for #1206.
- ▶ 18650 Lithium-ion battery - not included.



# #1206-2 AI EDUCATIONAL BLOCKS (NOT INCLUDE Gigo LITHIUM-ION BATTERY HOLDER)

20  
COURSES  
146 PCS



A4 120 PAGES

### THE PRODUCT INCLUDES

- ▶ Requires one Lithium-ion battery (18650) or portable charger - not included.
- ▶ #1206-1 battery holder-not included.

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/12.25 kgs

445×430×485 mm



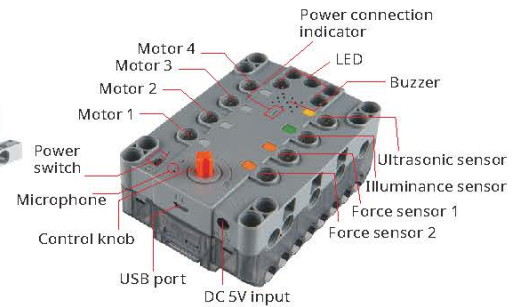


## #1203 ROBOTICS WORKSHOP 2.0

20  
COURSES  
315 PCS



CB1 GigoBlockly



A4 108 PAGES

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50-70 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.98 kgs

445×430×485 mm



4 716503 112039

### FEATURES

- ▶ The smart controller includes a Bluetooth chip module (CB1) that works with the "GigoBlockly" × visual block-based programming app that uses a drag and drop function for easy programming on your tablet. × Based on the open source coding language "GoogleBlockly".
- ▶ Children can learn practical programming skills by building 10 models with the CB1 GigoBlockly.
- ▶ The simplified programming language is Java-based and be converted to Javascript.
- ▶ Children can create their own robots (with motors and sensors) and command them using "GigoBlockly".
- ▶ Cultivates logical thinking and creativity through building different types of robots.

### THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.
- ▶ 10 models to build, from simple to complex.
- ▶ Core Smart Controller x 1, light sensor x1, touch sensor x2, ultrasonic sensor x1, Gigo 40X DDM servo motor x2, Gigo 32X DDM servo motor x2 are included.
- ▶ Each lesson has a Program Example and applicable article.
- ▶ Requires 6 AA/LR6 batteries - not included.





# #1204RR S4A PROGRAMMING BLOCKS

20  
COURSES  
305 PCS



A4 108 PAGES



Download more courses  
here for learning more!  
(40 courses)

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50-60 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm



4 sets/3.28 cuft/9.30 kgs



445x430x485 mm



4 716503 120423



## FEATURES

- ▶ The Gigo Maker Control Box is composed of the mainboard, the extended board with sensor and motor ports and the UI "S4A (Scratch for Arduino)" for PC. It's multifunctional and reprogrammable based on your needs.
- ▶ Children can learn practical programming skills by building 40 models with S4A.
- ▶ Children can make animals, vehicles, machines and even a cuckoo clock (with motors and sensors) and command them using "S4A".
- ▶ Easy to learn, easy to build.
- ▶ Cultivates logical thinking and creativity through building different types of models.

## THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.
- ▶ Gigo Maker Control Box x 1, light sensor x 1, IR distance sensor x 1, 360° servo motor x 2, 180° servo motor x 1 are included.
- ▶ Foolproof cable connectors and the Learning Guide Paper Cards for the Gigo Maker Control Box are included for beginners.
- ▶ Each lesson has a Program Example and applicable article.
- ▶ Requires 6 AA/LR6 batteries - not included.





## #1244R ROBOT

20  
COURSES  
229 PCS



A4 80 PAGES



Please scan QR code for the 4 bonus courses.

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50 mins/model

**Total Models:** 20 models(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets /3.28 cuft/9.12 kgs

445x430x485 mm



4 716503 124414

### FEATURES

- Using the principles of science engineering, create different robots such as: a tow truck, a robotic arm, etc.
  - Use three IrDA 40X motors and a remote controller to make your models move.
  - Understand engineering principles and robot technology.
- THE PRODUCT INCLUDES**
- Student workbook.
  - Teacher's guidebook (digital file available only).
  - Smart Manual Web Service.
  - Model operation video.
  - Requires 2 AAA/LR03 and 3 AA/LR06 batteries - not included.





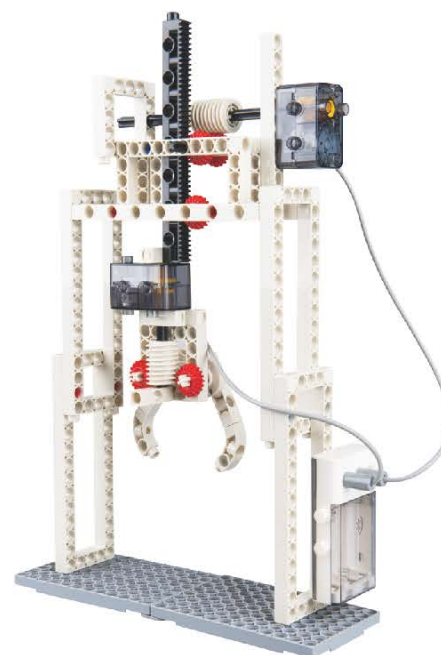


# #1300 SMART BT CONTROLLER

20  
COURSES  
181 PCS



A4 80 PAGES



Please scan QR code for the 4 bonus courses.

**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50 mins/model

**Total Models:** 20 models

(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×210 mm

4 sets/3.28 cuft/9.06 kgs

445x430x485 mm



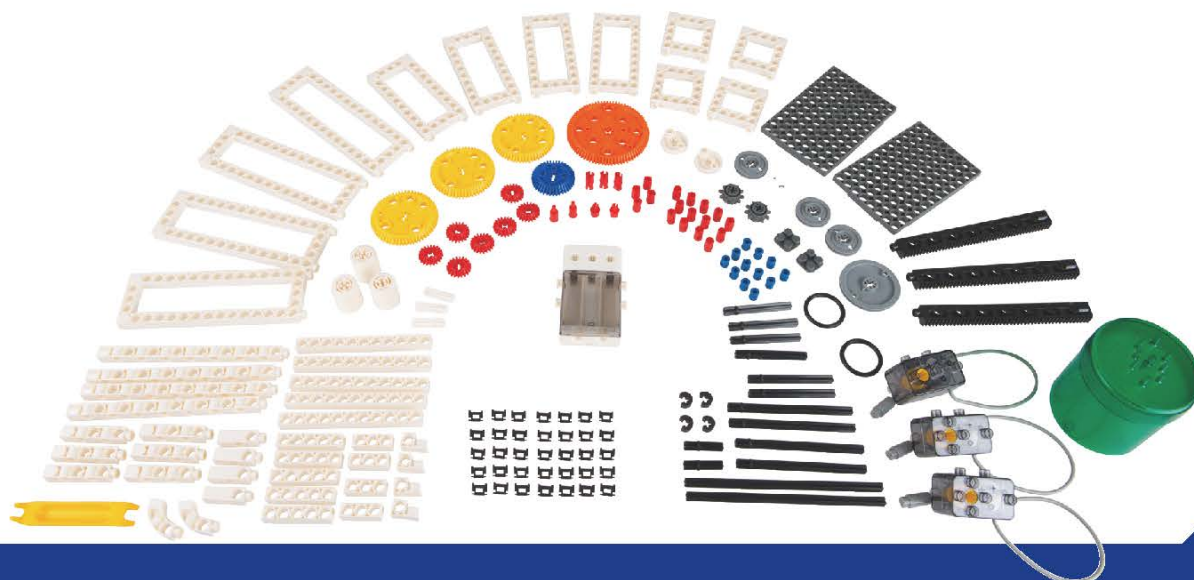
4 716503 113005

## FEATURES

- Create different machinery using basic science principles and industrial automation engineering; such as a: conveyor belt, mechanical claw, etc.
- Use three 40X DDM motors and a Bluetooth remote controller to make your models move.

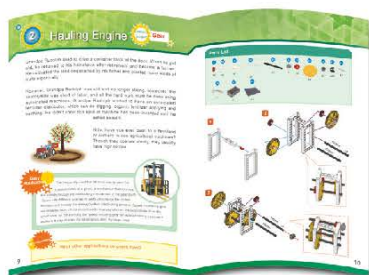
## THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 3 AA/LR06 batteries - not included.

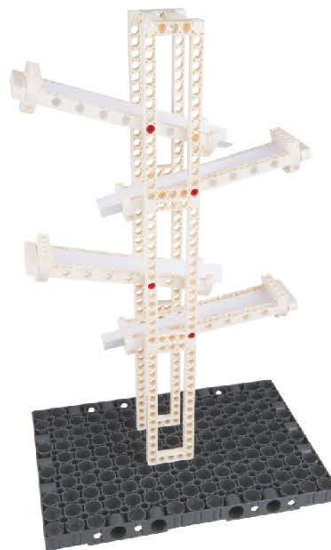




## #1248R BASIC SET



A4 80 PAGES



20  
COURSES  
600 PCS



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Total Models:** 20 models  
(16 models and 4 creative works)

**Content:** 20 Courses

**Item Size:** 445×240×400 mm



2 sets/3.18 cuft/9.03 kgs



452x412x476 mm



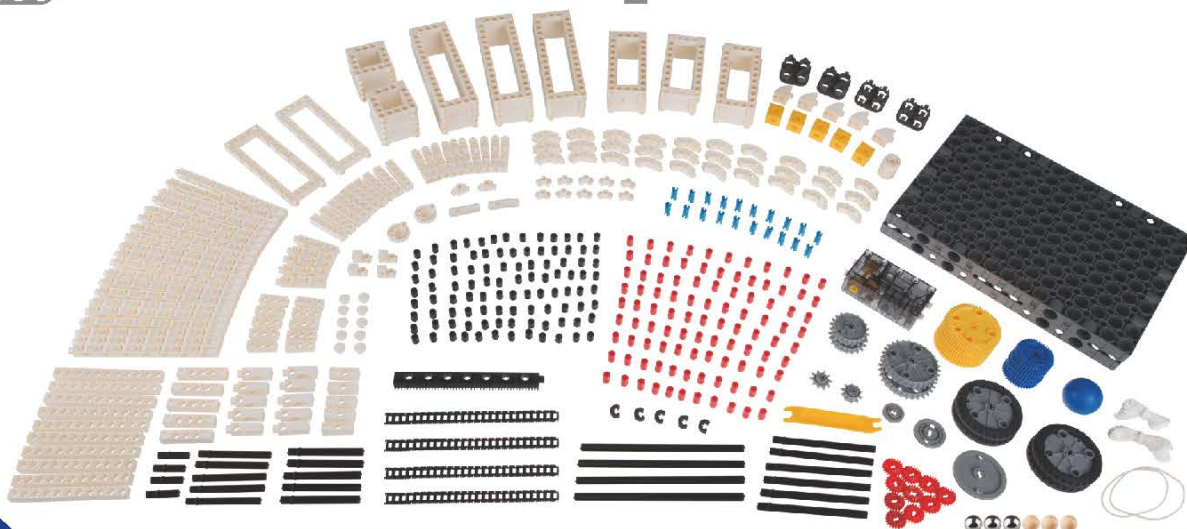
4 716503 124810

### FEATURES

- Using the principles of science engineering, create different contraptions such as: a four-layer track, an elevator, etc.
- Includes the Jumbo Base Grid as a platform to connect all the contraptions and to allow unlimited creations.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- Requires 2 AA/LR06 batteries - not included.





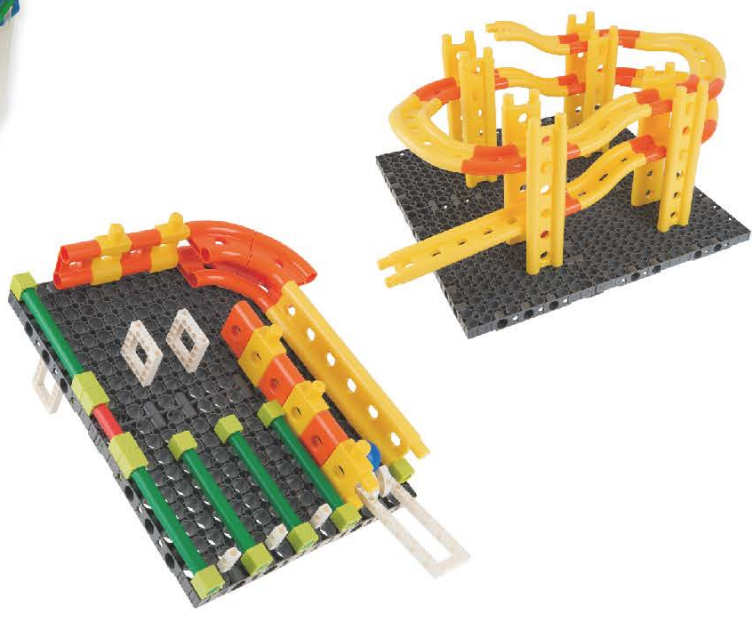


# #1249R CONSTRUCTION SET

20  
COURSES  
269PCS



A4 80 PAGES



**SERIES:** Learning Lab  
**Age:** 7+  
**Learning Time:** 40 mins/model  
**Total Models:** 20 models  
 (16 models and 4 creative works)  
**Content:** 20 Courses  
**Item Size:** 445×240×400 mm

2 sets/3.18 cuft/10.76 kgs

455x415x476 mm

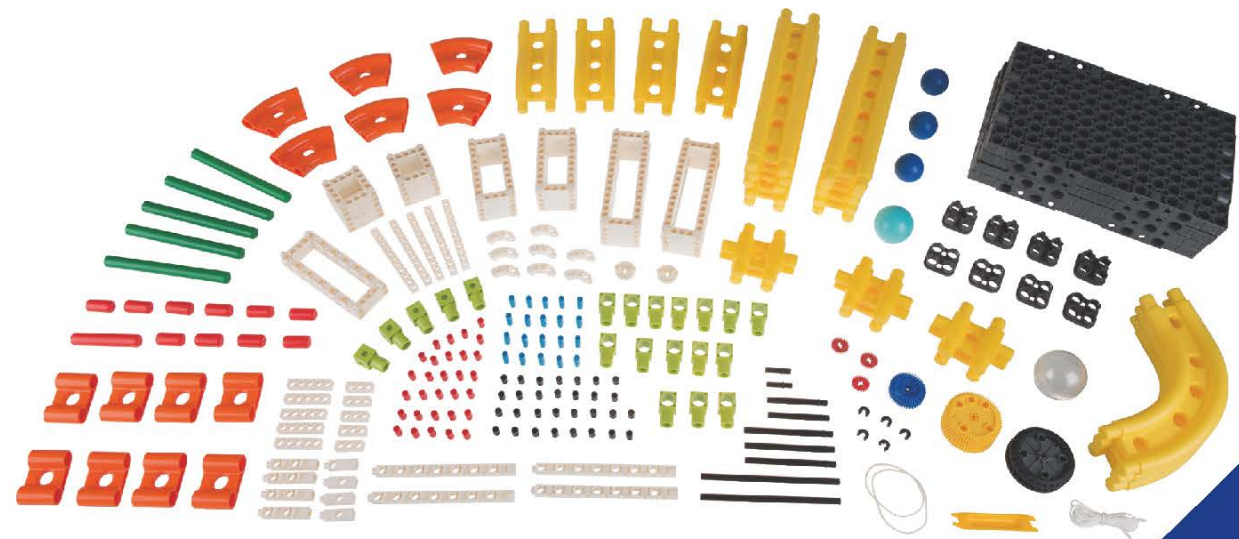


## FEATURES

- ▶ Using the principles of science engineering, create different advanced contraptions such as: a pinball, a rotating tower, etc.
- ▶ Enhance engineering skills and find the best solution to connect different contraptions.

## THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.





# LEARNING LAB

Inventing can be learned

## #1250R CREATIVE WORLD SET

120  
COURSES  
7059 PCS



**SERIES:** Learning Lab

**Age:** 3+

**Learning Time:** 30 mins/model

**Content:** 120 Courses (96 models and 24 creative works)



4 716503 125015

### FEATURES

- ▶ Learn creativity with the peers. Team study will cultivate cooperation spirits and encourage kids' creativity. The activities and team competitions bring lots of fun.

### THE PRODUCT INCLUDES

- ▶ Student workbook
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ 13 sets of building blocks.
- ▶ Mobile storage bins and containers.
- ▶ 30 students suggested.







Number: #1250-1  
1 set/2.22 cuft/6.13kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-5  
1 set/2.22 cuft/7.70kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-9  
1 set/2.22 cuft/8.13kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250R-13  
1 set/1.72 cuft/5.19kgs  
Item Size:  
442×240×410 mm  
Outer Carton Size:  
455×415×258 mm

Number: #1250-2  
1 set/2.22 cuft/6.19kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-6  
1 set/2.22 cuft/7.84kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-10  
1 set/2.22 cuft/10.39kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250R-14  
1 set/0.52 cuft/7.49kgs  
Item Size:  
210×298×4 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1250-3  
1 set/2.22 cuft/6.66kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-7  
1 set/2.22 cuft/6.92kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250-11  
1 set/2.22 cuft/10.35kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250R-15  
1 set/0.52 cuft/7.85kgs  
Item Size:  
210×298×4 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1250-4  
1 set/2.22 cuft/6.67kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

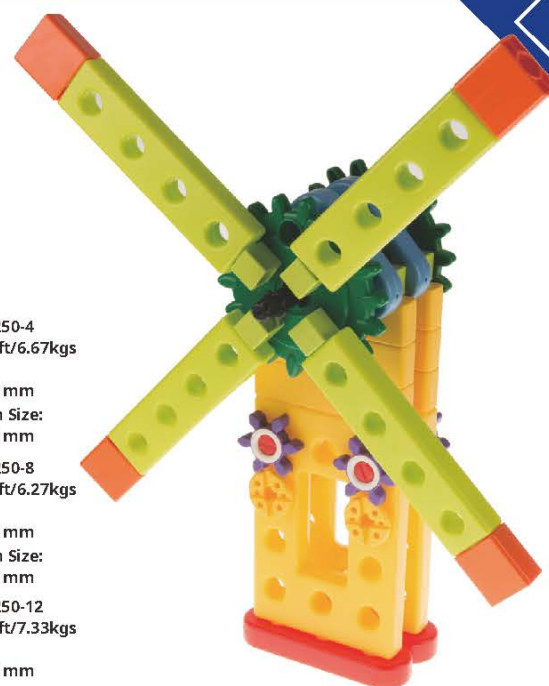
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Item Size:  
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Outer Carton Size:  
600×415×252 mm

Number: #1250-12  
1 set/2.22 cuft/7.33kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1250R-16  
1 set/0.52 cuft/7.49kgs  
Item Size:  
210×298×4 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1250R-17  
1 set/0.52 cuft/7.49kgs  
Item Size:  
210×298×4 mm  
Outer Carton Size:  
230×318×200 mm

Frame: #T099S×4  
1set/1.35 cuft/4.74 kgs  
Item Size:  
745×390×1150 mm  
Outer Carton Size:  
682×276×203 mm



R21#1230R×30sets  
A4 68 pages  
#1250R-14



R21#1231R×30sets  
A4 72 pages  
#1250R-15



R21#1232R×30sets  
A4 68 pages  
#1250R-16



R21#1233R×30sets  
A4 68 pages  
#1250R-17



## #1251RR SCIENTIFIC EXPERIMENT SET POWER MACHINE

80  
COURSES  
6000 PCS



R21#1234R×30sets  
A4 80 pages

#1251R-7



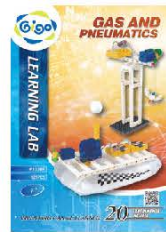
R21#1235R×30sets  
A4 88 pages

#1251R-8



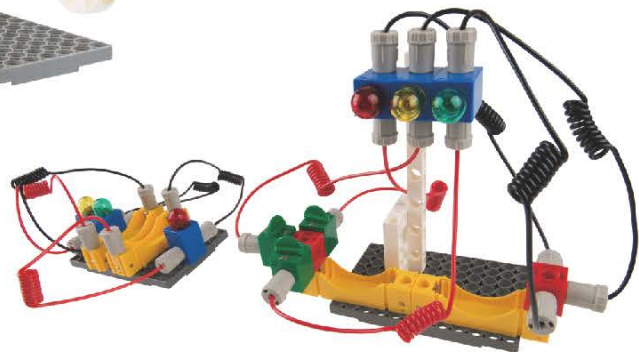
R21#1236RR×30sets  
A4 84 pages

#1251RR-9



R21#1238RR×30sets  
A4 80 pages

#1251RR-10



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Content:** 80 Courses(64 models and 16 creative works)



4 716503 125121

### FEATURES

- ▶ All topics of simple machines are included. Kids will learn the knowledge by doing the experiments and further apply the knowledge in the daily life.

### THE PRODUCT INCLUDES

- ▶ Student workbook.
- ▶ Teacher's guidebook (digital file available only).
- ▶ Smart Manual Web Service.
- ▶ Model operation video.
- ▶ 13 sets of building blocks.
- ▶ Mobile storage bins and containers.
- ▶ 30 students suggested.





Number: #1251RR-1  
1 set/2.22 cuft/8.18kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251RR-2  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251R-3  
1 set/2.22 cuft/5.83kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251R-4  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251R-5  
1 set/2.22 cuft/7.76kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251R-6  
1 set/2.22 cuft/7.33kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1251R-7  
1 set/0.52 cuft/8.26kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1251R-8  
1 set/0.52 cuft/8.95kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1251RR-9  
1 set/0.52 cuft/8.58kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×230 mm

Number: #1251RR-10  
1 set/0.52 cuft/8.26kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

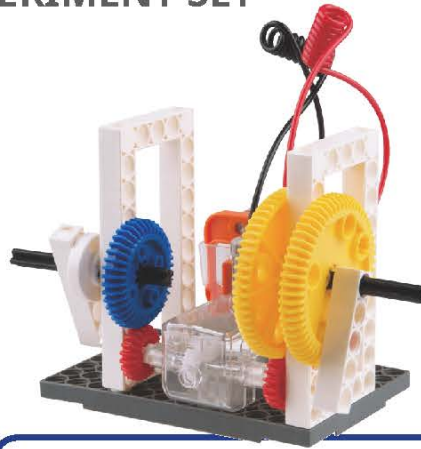
Frame: #T099S×2  
1set/1.35 cuft/4.74 kgs  
Item Size:  
745×390×1150 mm  
Outer Carton Size:  
682×276×203 mm





## #1252RR SCIENTIFIC EXPERIMENT SET GREEN ENERGY

100  
COURSES  
6974 PCS



### FEATURES

- Energy is limited. Kids will learn various types of energy and cooperate with other team members how to conserve the energy and utilize the energy.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- 13 sets of building blocks.
- Mobile storage bins and containers.
- 30 students suggested.

**SERIES:** Learning Lab

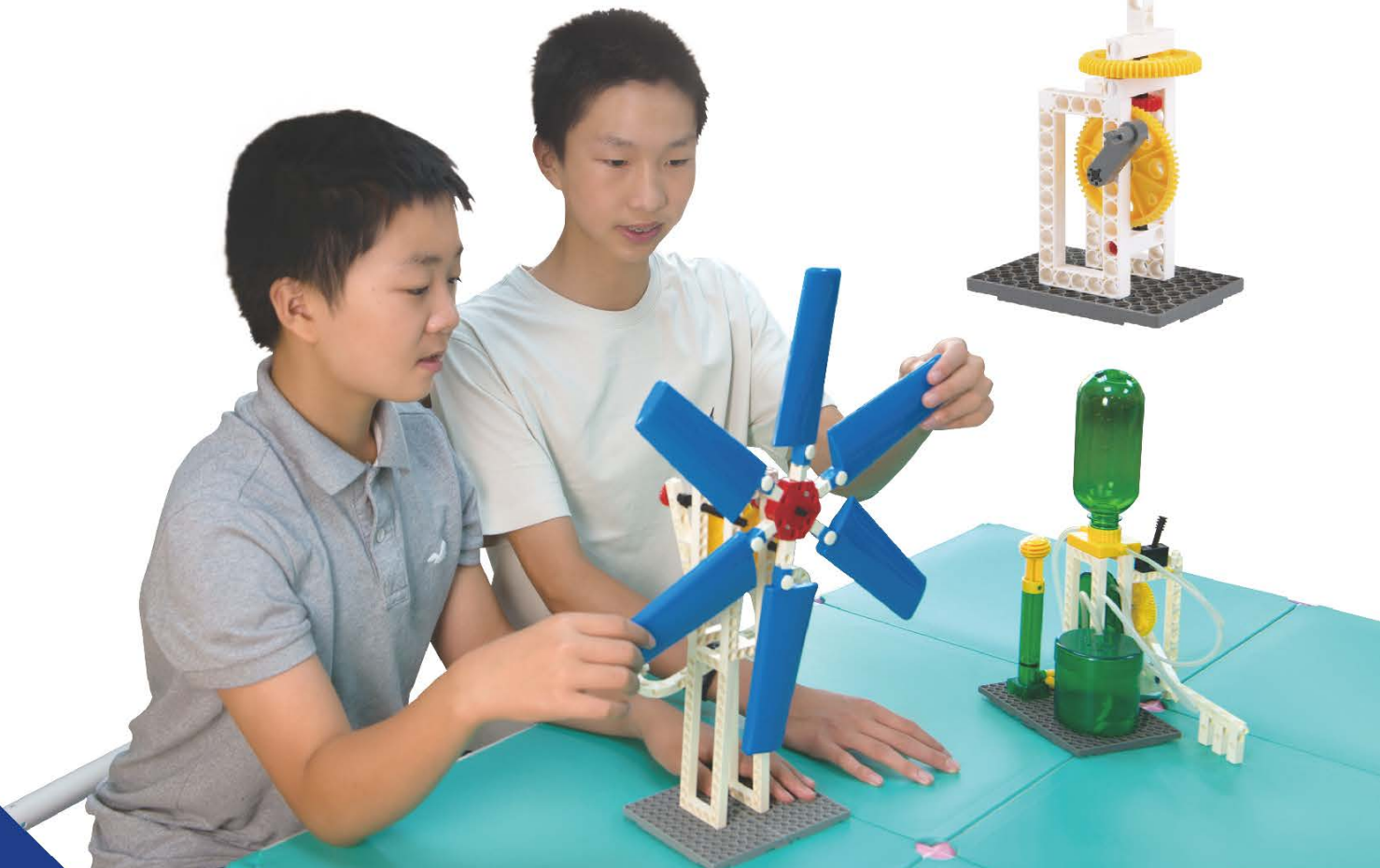
**Age:** 7+

**Learning Time:** 40 mins/model

**Content:** 100 Courses(80 models and 20 creative works)



4 716503 125220







Number: #1252RR-1  
1 set/2.25 cuft/6.48kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-2  
1 set/2.22 cuft/7.46kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-3  
1 set/2.22 cuft/8.30kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-4  
1 set/2.221 cuft/7.31kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-5  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-6  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-7  
1 set/2.22 cuft/5.81kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-8  
1 set/2.22 cuft/5.25kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252R-9  
1 set/2.22 cuft/4.29kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1252RR-10  
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Item Size:  
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Outer Carton Size:  
230×318×200 mm

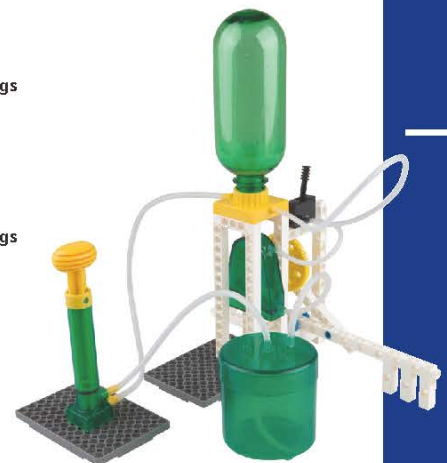
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230×318×200 mm

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Outer Carton Size:  
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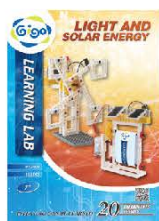
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Outer Carton Size:  
230×318×200 mm

Number: #1252RR-14  
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Item Size:  
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Outer Carton Size:  
230×318×200 mm

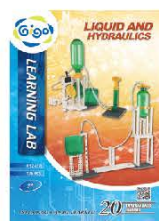
Frame: #T099S×3  
1set/1.35 cuft/4.74 kgs  
Item Size:  
745×1150×390 mm  
Outer Carton Size:  
682×276×203 mm



R21#1239RR×30sets  
A4 80 pages  
#1252RR-10



R21#1240RR×30sets  
A4 80 pages  
#1252RR-11



R21#1241R×30sets  
A4 84 pages  
#1252R-12



R21#1242RR×30sets  
A4 80 pages  
#1252RR-13



R21#1243RR×30sets  
A4 80 pages  
#1252RR-14



## #1253RR TECHNOLOGY EXPLORER SET

80  
COURSES  
6182 PCS



R21#1244R×30sets  
A4 80 pages

#1253R-7



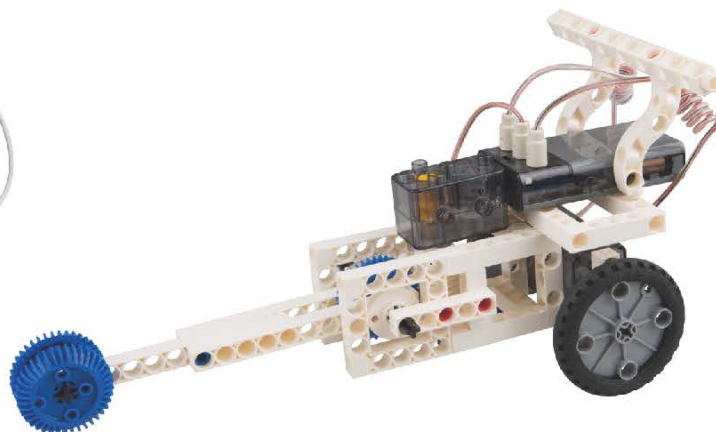
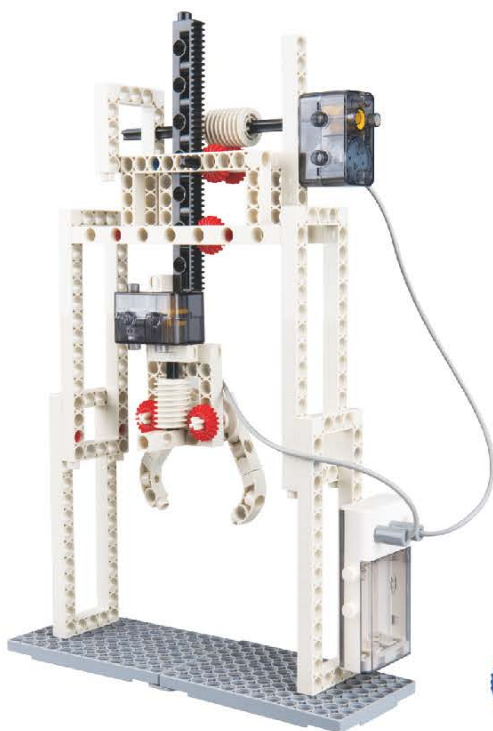
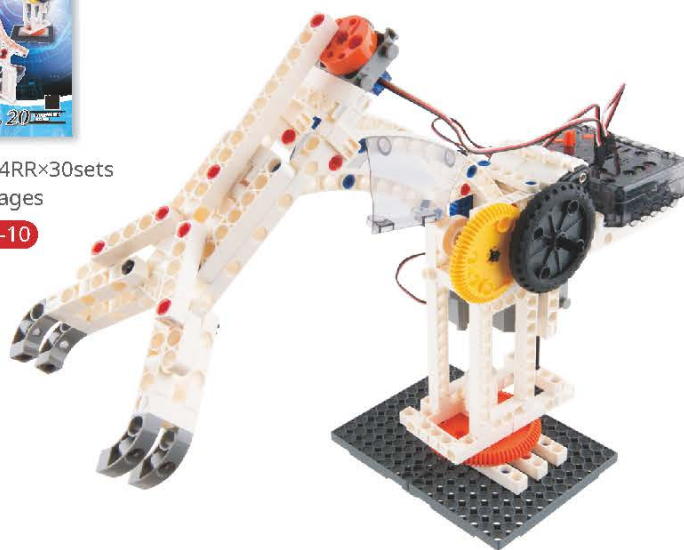
R21#1300×30sets  
A4 80 pages

#1253R-8



R21#1204RR×30sets  
A4 108 pages

#1253RR-10



**SERIES:** Learning Lab

**Age:** 10+

**Learning Time:** 50 mins/model

**Content:** 80 Courses(72 models and 8 creative works)



4 716503 125329

### FEATURES

- Have you run a robot contest in the classroom?  
Kids can acquire sufficient components and build self-design models in the teamwork.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- 13 sets of building blocks.
- Mobile storage bins and containers.
- 30 students suggested.





Number: #1253RR-1  
1 set/2.22 cuft/8.57kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1253RR-6  
1 set/2.25 cuft/10.21kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1253R-8  
1 set/0.52 cuft/8.26kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

Frame: #T099S×2  
1set/1.35 cuft/4.74 kgs  
Item Size:  
745×1150×390 mm  
Outer Carton Size:  
682×276×203 mm

Number: #1253R-2  
1 set/2.22 cuft/6.76kgs  
Item Size:  
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Outer Carton Size:  
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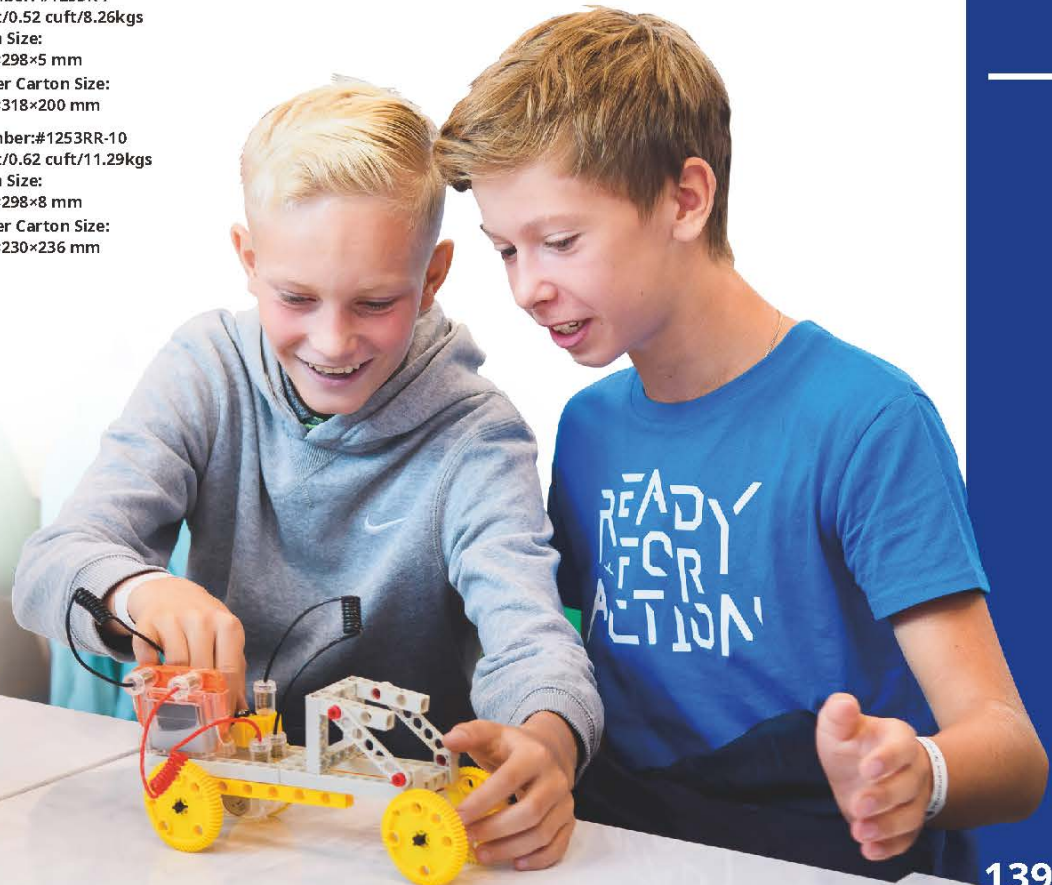
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Outer Carton Size:  
230×318×200 mm

Number: #1253RR-10  
1 set/0.62 cuft/11.29kgs  
Item Size:  
210×298×8 mm  
Outer Carton Size:  
321×230×236 mm

Number: #1253R-3  
1 set/2.22 cuft/6.92kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1253RR-4  
1 set/2.22 cuft/7.99kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1253R-5  
1 set/2.22 cuft/6.66kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm





## #1254R BRICK CONTRAPTION SET

40  
COURSES  
8972 PCS



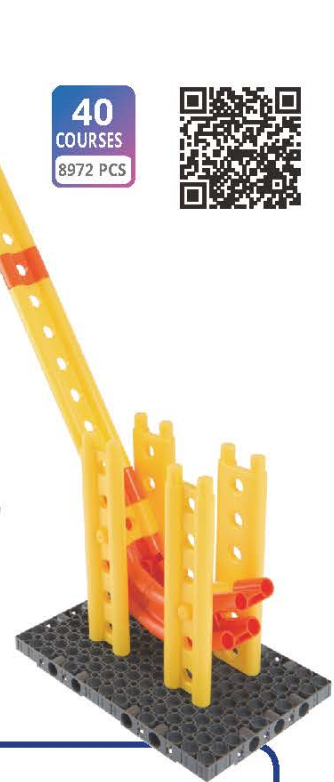
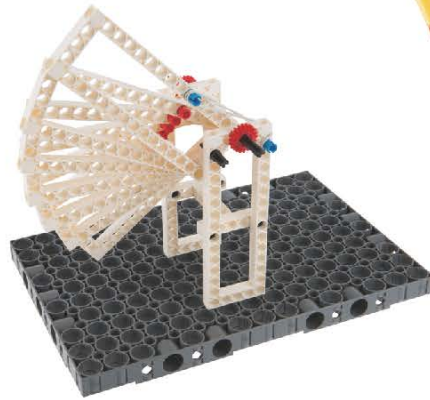
R21#1248Rx30sets  
A4 80 pages

#1254R-13



R21#1249Rx30sets  
A4 80 pages

#1254R-14



**SERIES:** Learning Lab

**Age:** 7+

**Learning Time:** 40 mins/model

**Content:** 40 Courses

(32 models and 8 creative works)



4 716503 125411

### FEATURES

- Apply the knowledge and create the contraption.
- Cooperate with your team members and make the achievements in the classroom.

### THE PRODUCT INCLUDES

- Student workbook.
- Teacher's guidebook (digital file available only).
- Smart Manual Web Service.
- Model operation video.
- 13 sets of building blocks.
- Mobile storage bins and containers.
- 30 students suggested.







Number: #1254R-1  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-2  
1 set/2.22 cuft/7.07kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-3  
1 set/2.22 cuft/9.03kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-4  
1 set/2.22 cuft/8.71kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-5  
1 set/2.22 cuft/8.00kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-6  
1 set/2.22 cuft/6.81kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-7  
1 set/2.22 cuft/5.86kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-8  
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Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254R-9  
1 set/2.22 cuft/7.43kgs  
Item Size:  
595×235×410 mm  
Outer Carton Size:  
600×415×252 mm

Number: #1254-10  
1 set/1.32 cuft/9.48kgs  
Item Size:  
300×20×200 mm  
Outer Carton Size:  
415×315×285 mm

Number: #1254-11  
1 set/1.32 cuft/9.48kgs  
Item Size:  
300×20×200 mm  
Outer Carton Size:  
415×315×285 mm

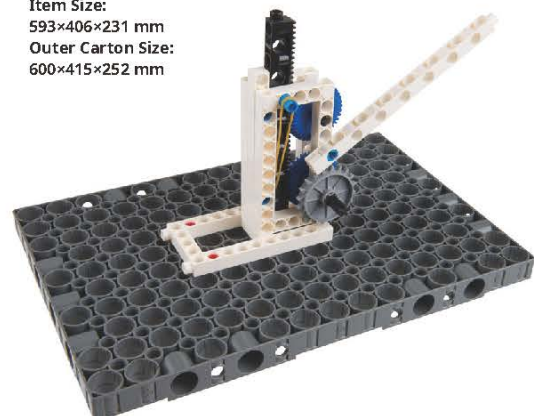
Frame: #1254RS-12  
1 set/1.64 cuft/ 4.85kgs  
Item Size:  
565×385×790 mm  
Outer Carton Size:  
664×288×242 mm

Number: #1254R-13  
1 set/0.53 cuft/8.26kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

Number: #1254R-14  
1 set/0.53 cuft/8.26kgs  
Item Size:  
210×298×5 mm  
Outer Carton Size:  
230×318×200 mm

Frame: #1254R-15  
1 set/2.22 cuft/5.68kgs  
Item Size:  
593×406×231 mm  
Outer Carton Size:  
600×415×252 mm

Frame: #T099S×3  
1set/1.35 cuft/4.74 kgs  
Item Size:  
745×1150×390 mm  
Outer Carton Size:  
682×276×203 mm







# SENIOR LAB

Sharpen your focus with brain boosting activities

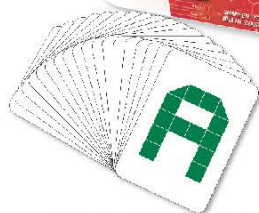






# #6703 SENIOR FUN


13  
Activities  
348 PCS



A4 84 PAGES

**SERIES:** Senior Lab  
**Age:** 3+  
**Item Size:** 445×240×210 mm

 4 sets/3.28 cuft/11.98 kgs

 455×430×485 mm



## FEATURES

- ▶ Variety of card based activities increase the fun of block grabbing games.
- ▶ Classic daily life models: tricycles, motorcycles and spinning tops.
- ▶ Theme-oriented scenarios: flowers and fruits, vehicles, land and sea creatures, and festivals.
- ▶ 13 quick, yet engaging, reaction based games!
- ▶ Encourage inter-generational play and communication.
- ▶ Collaborative development between therapists at Lukang Christian Hospital and Gigo.







The World GreenMech Contest is meant to equip students with STEAM abilities through hands-on experience. The STEAM cohesive national strategy, proposed by US President Obama, has inspired many new concepts in global education.

By participating in this contest, we can stimulate the learning and development of students in STEAM: science, technology, engineering, and mathematics.

Therefore, the World GreenMech Contest has established a professional image and won recognition from worldwide educational authorities. Every year, the number of overseas teams has been increasing since the first contest began in 2006. It has been growing for recent years, and will be more and more popular in the near future.

## World GreenMech Contest

Contest Date : 2023.08.03

Contest Location:

Taichung City, Taiwan

Host Units :

National Chung Hsing University, Taiwan



國立中興大學

National Chung Hsing University



World Forum For GreenMech Promotion

Target Audiences :

All elementary, junior and senior high school students.

<https://www.worldgreenmech.com>



Website



Facebook



2019 Video



CQ Video





#T082R  
GREENMECH BASIC SET



#T130R  
GREEN MECHANISM BALL TRACK



#T131  
GREEN MECHANISM ENERGY POWER BOX





# Creativity Quotient Certification

## What is CQ Certification?

CQ stands for Creativity Quotient Certification. The World Forum For GreenMech Promotion invites education experts from different fields to develop the Creativity Quotient Certification together. Through creative building block models, important mechanical principles can be understood. Quantified learning results enable progress tracking, and easy to manage child development portfolios.

Certification is a framework for children to witness their own personal developmental milestones.

It can also stimulate children's interest in learning and develop multiple intelligences. They also acquire experience with creative thinking and hands-on practice.



### Academic Test

- \*online test
- \*automated exam scoring



### Skills Test

- \*on-site model assembly test
- \*grading by authorized proctor



Creation



Simple  
Machines



Electricity  
& Solar Power



Pneumatics  
& Wind Power



Hydraulics



Basic  
Programming



GreenMech

## Advantages of holding CQ Certification

1. Integrate local resources and develop scientific education by building a learning network.
2. Pairing of the brand with fun learning experiences develops mutual trust and sales growth.



World Forum For  
GreenMech Promotion

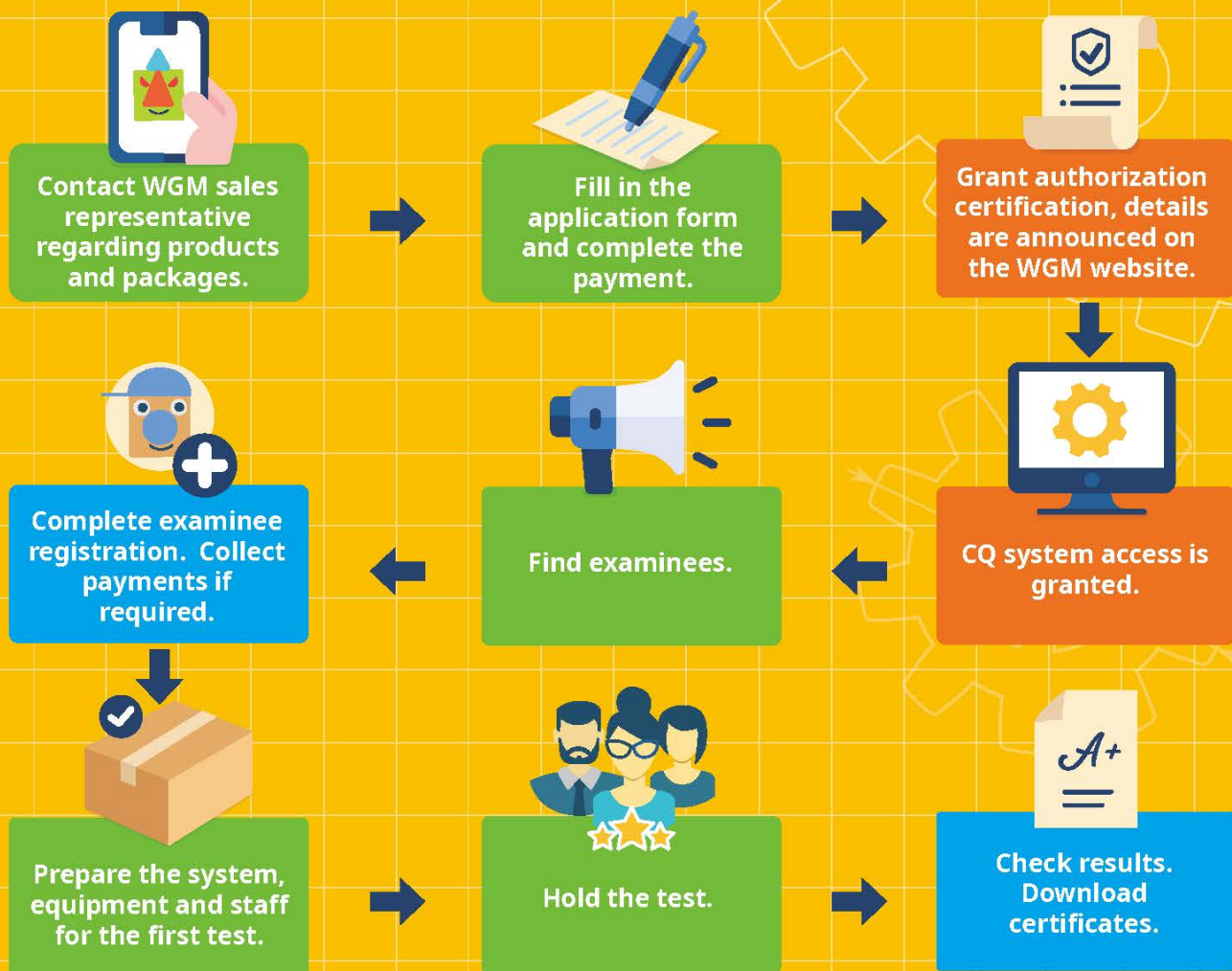


Co-organizer



Examinee





Package	Category	Product List
1	Creation	#1259/ #1260 / #1272 / #1273 / #1273 / #1275/ #1207 / #1208 MOQ=24 sets/each
2	Simple Machines	#1261*9+#T099S*1
3	Electricity & Solar Power	(#1261-B+#1262+#1267+#1142)*9+T099S*1
4	Pneumatics & Wind Power	(#1261-B+#1264+#1265+#1142)*9+T099S1
5	Hydraulics	(#1261-B+#1266+1142)*9+T099S*1
6	Basic Programming	(#1261-B+#1268+#1142)*9+T099S*1
7	GreenMech	#1270*9+#T099S*1

If the distributor purchases any of the packages listed above, they can also purchase the CQ certification system at the preferential prices.

**For further information, please contact Gigo overseas sales representatives.**



Website



CQ Video



## #1076 LEARNING DEN-UNDER THE SEA



**SERIES:** Panel Series

**AGE :** 3+

**ITEM SIZE:** 4930×1205×35 mm

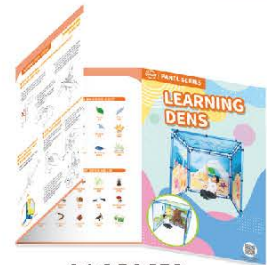
**Content:** 44 pcs per set

1 set/2.74 cuft/6.50 kgs

1142×467×145 mm  
4 716503 510767

### FEATURES

- ▶ A flexible learning den for young children. Panels create a unique learning environment that inspires children.
- ▶ Four panels in each set. The "roof" can be used as an additional side panel to create a wider panorama for play and discovery.
- ▶ Theme-oriented (under the sea) with many sea animals and interesting learning.



A4 6 PAGES



## #1077 LEARNING DEN-MINI BEASTS



**SERIES:** Panel Series

**AGE :** 3+

**ITEM SIZE:** 4930×1205×35 mm

**Content:** 44 pcs per set

1 set/2.74 cuft/6.50 kgs

1142×467×145 mm

4 716503 510774

### FEATURES

- ▶ A flexible learning den for young children. Panels create a unique learning environment that inspires children.
- ▶ Four panels in each set. The "roof" can be used as an additional side panel to create a wider panorama for play and discovery.
- ▶ Theme-oriented (mini beasts) with many insects and other crawling creatures and interesting learning.



A4 6 PAGES





## #1060S SQUARE VINYL PANEL



**SERIES:** Panel Series

**Item Size:** 780×35×780 mm

**Content:** 12 pcs per set

Each single panel includes the following accessories: 1 release pliers+2 panel-lock connectors+1 colorful guide.

8 set /3.16 cuft/11.94 kgs

#1060SB



#1060SP



727×227×542 mm

#1060SG



#1060SK



## #1060FS A PAIR OF PANEL FEET-GRAY



**SERIES:** Panel Series

**Content:** 10 pcs per set

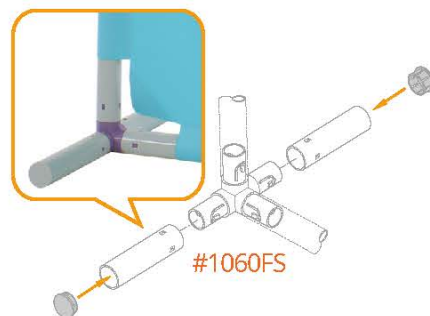
Each set includes 4 tubes, 4 tube end covers, 2 4-way connectors.



30 sets/2.41 cuft/9.35 kgs



567×355×339 mm



## #1060R RECTANGULAR VINYL PANEL



**SERIES:** Panel Series

**Item Size:** 1210×780×35 mm

**Content:** 12 pcs per set

Each single panel includes: 1 release pliers+2 panel-lock connectors+1 colorful guide.

6 set /3.40 cuft/ 12.20 kgs

1151×242×345 mm

#1060RB



#1060RP



#1060RG



#1060RK



## #1060FB A PAIR OF PANEL FEET-BLUE



**SERIES:** Panel Series

**Content:** 10 pcs per set

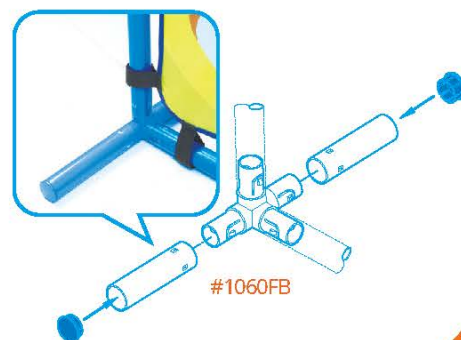
Each set includes 4 tubes, 4 tube end covers, 2 4-way connectors.



30 sets/2.41 cuft/9.35 kgs



567×355×339 mm





# PANEL SERIES Design Your Own Creative Classroom Easily

## #905-007F 9 BIN TILTED STORAGE BINS



**SERIES:** Panel Series  
**Item Size:** 835×840×385 mm  
**Content:** 140 pcs per set

**FRAME:** #905-007S

1 set /1.40 cuft/ 6.13 kgs

491×355×227 mm



**BIN:** #905-007-2

1 set /2.62 cuft/ 6.17 kgs

461×379×424 mm



### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Patented snap together system: assembly and disassembly is quick and easy.
- ▶ Only one tool needed. All connectors and tubes are made from durable ABS plastic.



## #905-008F 12 BIN TILTED STORAGE BINS



**SERIES:** Panel Series  
**Item Size:** 1105×840×385 mm  
**Content:** 136 pcs per set

**FRAME:** #905-008S

1 set /1.71 cuft/ 6.47 kgs

515×388×242 mm



**BIN:** #905-008-2

1 set /3.20 cuft/ 8.01 kgs

461×379×518 mm



### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Patented snap together system: assembly and disassembly is quick and easy.
- ▶ Only one tool needed. All connectors and tubes are made from durable ABS plastic.





## #905-009F 15 BIN TILTED STORAGE BINS



**SERIES:** Panel Series  
**Item Size:** 1370×840×385 mm  
**Content:** 177 pcs per set

**FRAME: #905-009S**

1 set /1.95 cuft/ 7.92 kgs



576×421×227 mm

**BIN: #905-009-3**

1 set /3.85 cuft/ 9.87 kgs



461×379×624 mm

### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Patented snap together system: assembly and disassembly is quick and easy.
- ▶ Only one tool needed. All connectors and tubes are made from durable ABS plastic.



## #905-064S MOBILE EQUIP / TOY BOX (SQUARE)



**SERIES:** Panel Series  
**Item Size:** 635×740×635 mm  
**Content:** 43 pcs per set

1 set/0.92 cuft/3.64 kgs

561×288×161 mm



4 716503 506418



SQUARE

### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Patented snap together system: assembly and disassembly is quick and easy.
- ▶ Only one tool needed. All connectors and tubes are made from durable ABS plastic.

## #905-085S SINGLE TOWER



**SERIES:** Panel Series  
**Item Size:** 380×1800×380 mm  
**Content:** 109 pcs per set

1 set/1.85 cuft/7.93 kgs

448×448×261 mm



4 716503 508511

### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Patented snap together system: assembly and disassembly is quick and easy.
- ▶ Only one tool needed. All connectors and tubes are made from durable ABS plastic.
- ▶ Up to four shelves for displaying your finest Gigo creations.





# PANEL SERIES

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## #T099RF 3×1 STORAGE BINS



#T099-1

#T099S

#1142

#1142 please refer to P.159 for product details.

**SERIES:** Panel Series  
**Item Size:** 745×1150×390 mm  
**Content:** 68 pcs per set

**FRAME:** #T099S

1 set / 1.35 cuft / 4.74 kg

682×276×203 mm



4 716503 509938

**BIN:** #T099-1

1 set / 4.06 cuft / 9.12 kgs

600×415×461 mm



4 716503 509914

### FEATURES

- Child-safe and sturdy.
- Patented snap together system: assembly and disassembly is quick and easy.
- Only one tool needed. All connectors and tubes are made from durable ABS plastic.

## #T159F 2×3 LOW VERSION STORAGE BINS



**SERIES:** Panel Series  
**Item Size:** 1975×710×395 mm  
**Content:** 99 pcs per set

**FRAME:** #T159S

1 set / 1.86 cuft / 6.66 kgs

615×276×309mm



4 716503 515922

**BIN:** #T159-1×2

1 set / 4.06 cuft / 9.12 kgs

600×415×461 mm



4 716503 515915

### FEATURES

- Child-safe and sturdy.
- Patented snap together system: assembly and disassembly is quick and easy.
- Only one tool needed. All connectors and tubes are made from durable ABS plastic.



# #T120S TRY-PLAY TABLE 6 UNITS

\* The plastic bin is not included.



\* The chair is not included.

**SERIES:** Panel Series  
**Item Size:** 1290×540×850 mm  
**Content:** 102 pcs per set

1 set /2.69 cuft/ 9.57 kgs

709×467×230 mm



4 716503 512013



## FEATURES

- Matches with the #3599S chairs.
- Patented snap together system: assembly and disassembly is quick and easy.
- Child-safe and sturdy. Only one tool needed. All connectors and tubes are made from durable ABS plastic.
- Rounded corners prevent injuries.



A4 SHEET

# #3599S SET OF 4 CHAIRS



A4 SHEET

**SERIES:** Panel Series  
**Item Size:** 380×440×380 mm  
**Content:** 105 pcs per set

This set allows four of the same chairs to be built at the same time.

1 set /2.12 cuft/ 8.32 kgs

576×370×282 mm



4 716503 559940

## FEATURES

- 4 chairs
- Compatible with #T120S Try-Play Table.
- Patented snap together system, quick and easy assembly and disassembly.
- Child-safe and sturdy, only one tool required.
- Connectors and tubes are made from durable ABS plastic.
- Rounded corners prevent injuries.

# #3599SB/SP INDIVIDUAL CHAIR

**SERIES:** Panel Series  
**Item Size:** 380×440×380 mm  
**Content:** 27 pcs per set

5 set /3.07cuft/ 10.69 kgs

430×397×509 mm

#SB-Blue

#SP-Purple



4 716503 559957



4 716503 559964



A4 SHEET





# PANEL SERIES

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## #1277R MY PLAY GYM (DOUBLE SLIDES)

**SERIES:** Panel Series

**Age:** 1+

**Item Size:** 415×830×420 mm

**Content:** 170 pcs per set

Detailed 40 page instruction guide.  
Includes: 2 slides, tubes, connectors and building tools.  
Packed in a brown cardboard box.

1 set /4.85 cuft/ 13.64 kgs

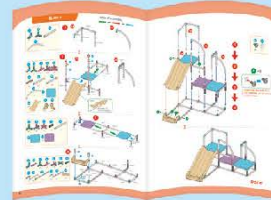
409×409×821 mm



4 716503 527727



15  
models  
170 PCS



A4 40 PAGES

### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Supports up to 20 kgs.
- ▶ Instructions to build 15 furniture play sets.
- ▶ Patented snap-together system, quick and easy to assemble and disassemble.
- ▶ Protective safety covers and slide ends.
- ▶ Connectors and tubes are made from durable child-safe plastic.
- ▶ Slides made from durable and child-safe plastics, secured with screws and two U-clamp wall connectors.







USA PAT. NO. 6413004  
JAPAN PAT. NO. 3078464  
TAIWAN PAT. NO. 167633



A full set of U-Clamp Wall Attachment is provided for securing double slide to wall.



# PANEL SERIES

Design Your Own Creative Classroom Easily

## #1278R MY PLAY GYM

**SERIES:** Panel Series

**Age:** 1+

**Item Size:** 415×820×260 mm

**Content:** 113 pcs per set

Detailed 28 page instruction guide.

Includes: 1 slide, tubes, connectors and building tools.

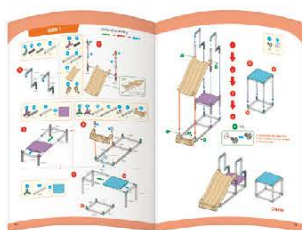
Packed in a brown cardboard box.

1 set / 3.35 cuft / 10.30 kgs

424×267×836 mm



4 716503 527826



A4 28 PAGES



10  
models  
113 PCS



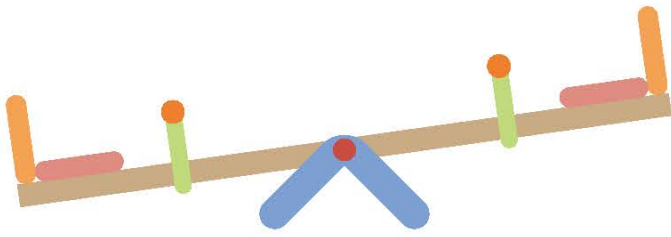
### FEATURES

- ▶ Child-safe and sturdy.
- ▶ Supports up to 20 kgs.
- ▶ 10 models: can be used to build 4 types of slide and 6 furniture play sets.
- ▶ Patented snap-together system, quick and easy to assemble and disassemble.
- ▶ Protective safety covers and slide ends.
- ▶ Connectors and tubes are made from durable child-safe plastics.



USA PAT. NO. 6413004  
JAPAN PAT. NO. 3078464  
TAIWAN PAT. NO. 167633





Corner Connector



3-Way Connector



T shape Connector



4-Way Connector



Cross Connector



5-Way Connector



Release Pliers



95mm Single Locking Tube



300mm Single Locking Tube



300mm Double Locking Tube



550mm Tube



143mm Tube



Tube Screw



Tube (105mm)



Expandable Slide



Slide End



Safety Cover R



Safety Cover L



Square Flat II



Square Flat II



Crank



# PANEL SERIES Design Your Own Creative Classroom Easily

## #1034 PLASTIC CONTAINER FOR 5 BOXES

**SERIES:** Panel Series  
**Item Size:** 445×240×210 mm

12 sets/4.11 cuft/13.71 kgs

485×430×558 mm

### FEATURES

- The best storage tool.
- High quality plastic.

#1034R



#1034G



#1034B



#1034Y



Minimum 500 set order quantity will be requested for green.



## #1039 MULTIFUNCTION SORTING TRAY-A

**SERIES:** Panel Series  
**Item Size:** 410×50×120 mm

8 sets/1.27 cuft/4.29 kgs

427×397×212 mm

4 716503 510392

### FEATURES

- Durable tray made of fine plastic.
- Compatible with #1034 plastic container (the smaller container used in Gigo Learning Lab series).
- Includes a transparent lid and a compartment case, easy to store together and use in class: take out the compartment case to collect needed components, and put the completed model on the tray for display or later competition.



## #1032 MULTIFUNCTION SORTING TRAY-B

**SERIES:** Panel Series  
**Item Size:** 410×50×120 mm

8 sets/1.27 cuft/4.29 kgs

427×397×212 mm

4 716503 510323

### FEATURES

- Includes all the functions of #1039.
- The transparent compartment case is specially designed for #1205 (or #7072), easy storage solution for robotic base unit, small components and code cards. Code cards compartments with inclination helps users to find and pick up needed cards efficiently.



## #J005 PLASTIC BIN WITH LOCK (M)

**SERIES:** Panel Series  
**Item Size:** 315×125×200 mm

20 sets/3.43 cuft/8.20 kgs

424×355×645 mm

4 716503 300504

### FEATURES

- The best storage tool.
- High quality plastic.



## #J006 PLASTIC BIN WITH LOCK (S)

**SERIES:** Panel Series  
**Item Size:** 275×110×170 mm

20 sets/2.15 cuft/6.80 kgs

345×297×594 mm

4 716503 300603

### FEATURES

- The best storage tool.
- High quality plastic.





## #1050-6 JUMBO CONTAINER WITH HARD COVER

**SERIES:** Panel Series  
**Item Size:** 355×270×330 mm

6 sets/5.21 cuft/11.50 kgs

427×388×867 mm

#1050-6RH



#1050-6YH



#1050-6BH



### FEATURES

- ▶ With twin tray, 6 slide-in dividers, handle and hard plastic cover.



## #1033 PLASTIC BOX

**SERIES:** Panel Series  
**Item Size:** 190×70×150 mm

20 sets/1.62 cuft/4.08 kgs

400×312×367 mm

#1033



#1033R



#1033Y



#1033B



#1033G



### FEATURES

- ▶ The best storage tool.
- ▶ High quality plastic.

## #1138 X-SIZE CUBBIE

**SERIES:** Panel Series  
**Item Size:** 320×220×265 mm

10 sets/1.53 cuft/6.72 kgs

333×285×455 mm

#1138



#1138B



#1138Y



#1138R



#1138G



### FEATURES

- ▶ The best storage tool.
- ▶ High quality plastic.

## #1140 JUMBO BIN

**SERIES:** Panel Series  
**Item Size:** 370×160×230 mm

12 sets/3.20cuft/7.82 kgs

461×379×518 mm

### FEATURES

- ▶ Clear box with lock and handle, stackable.

#1140



#1140RR



#1140YY



#1140BB



#1140GG



## #1142 STORAGE BOX WITH SORTING TRAY

**SERIES:** Panel Series  
**Item Size:** 420×165×325 mm

4 sets/3.38cuft/5.79 kgs

655×430×339 mm



### FEATURES

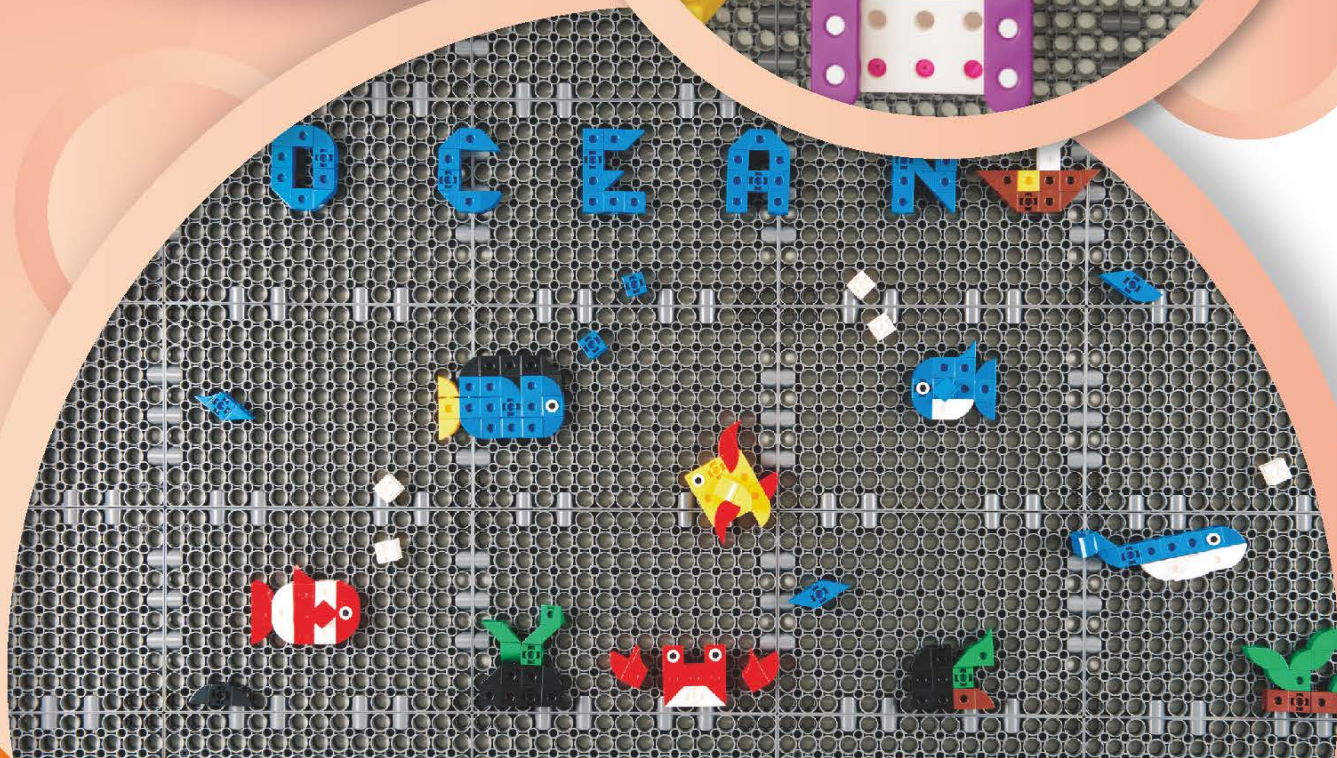
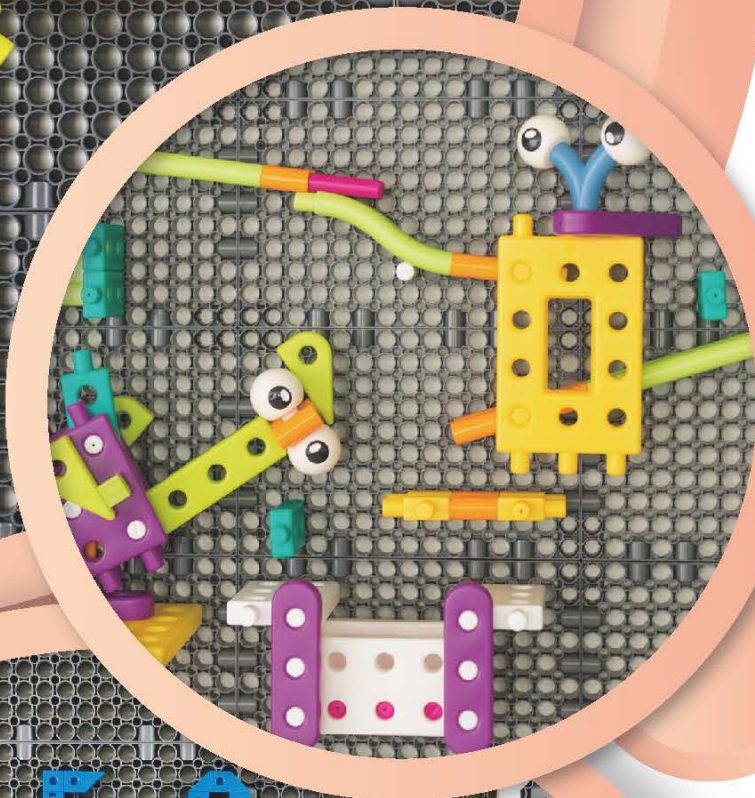
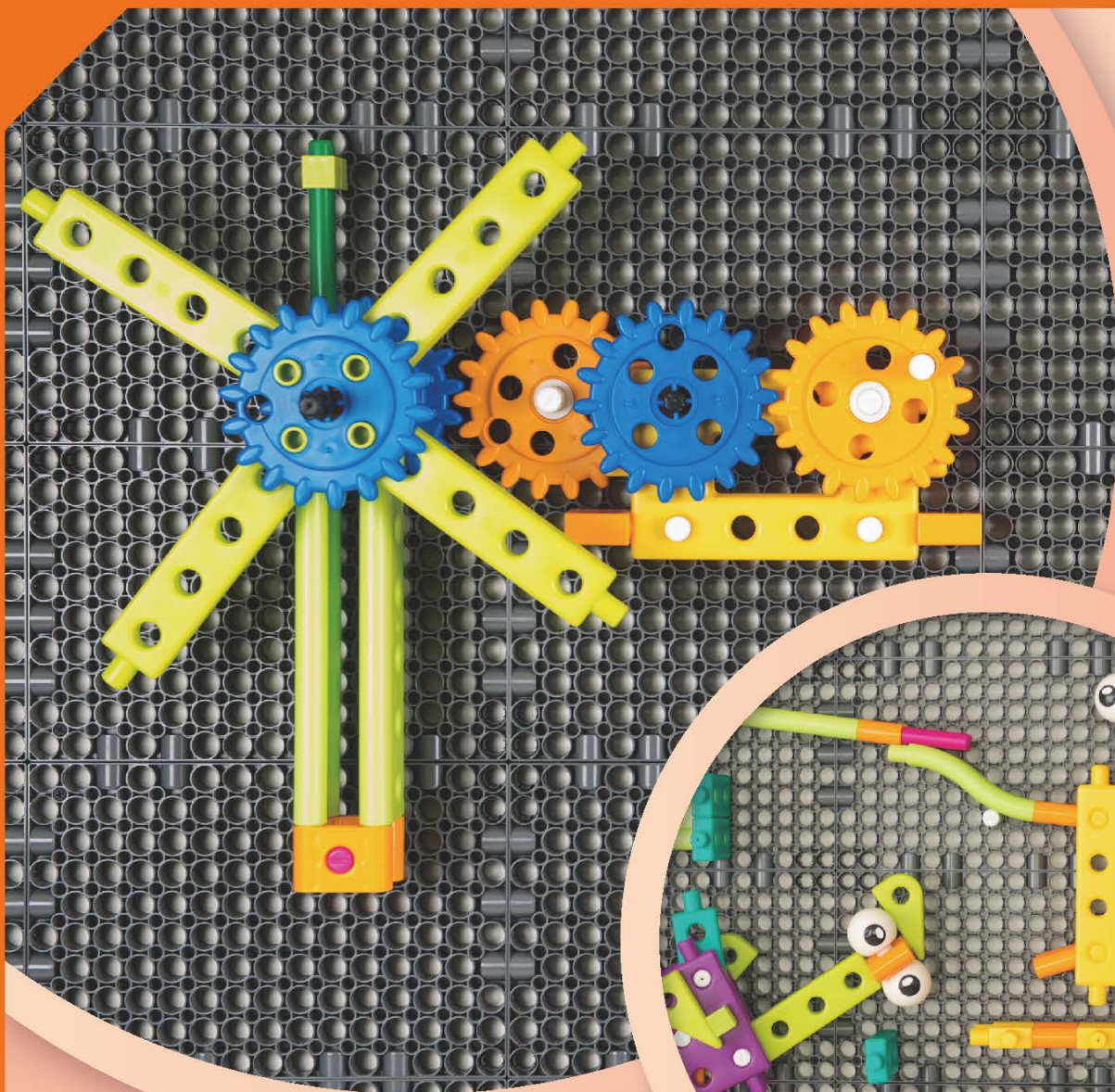
- ▶ Optimize your Gigo block storage.
- ▶ Constructed from highly durable materials.
- ▶ Features a unique lid that doubles as a base for models and creations.
- ▶ Includes a compartment tray to keep the smaller pieces organized.
- ▶ Compatible with #T099S shelving.





# PANEL SERIES

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# #T206F

## Gigo LECTERN



**SERIES:** Panel Series

**Age:** 3+

**Item Size :** 600×1150×300mm

**Content :** 361 pcs per set

#T206

8 set/1.90 cuft/5.92 kgs

467×403×285 mm



4 716503 520605

#T036R×4

4 sets/2.23 cuft/11.01 kgs

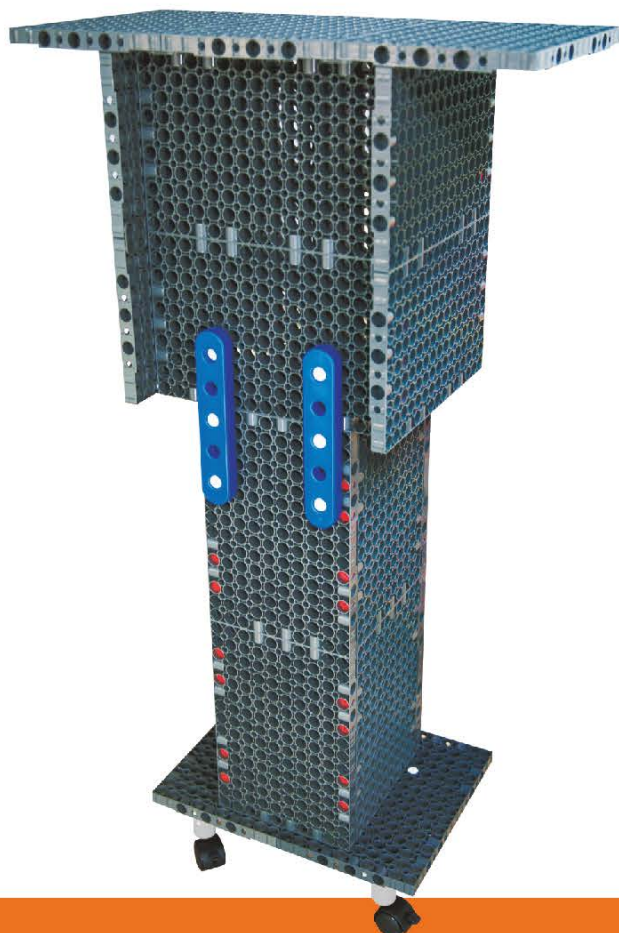
467×403×336mm



4 716503 536019

### FEATURES

- ▶ Movable lectern stand made of jumbo base grids and building blocks.
- ▶ Connects with various Gigo block systems.
- ▶ Provides a variety of decorative examples for reference.
- ▶ Follow the video for easy assembly.
- ▶ T206F with #T036R JUMBO BASE GRID.
- ▶ T206 without #T036R JUMBO BASE GRID.



# #T036R

## JUMBO BASE GRID



Youtube video shows you how to build a jumbo base grid wall efficiently.

**SERIES:** Panel Series

**Age:** 3+

**Item Size :** 370×145×220 mm

**Content :** 58 pcs per set

4 sets/1.92 cuft/10.94 kgs

448×385×315mm

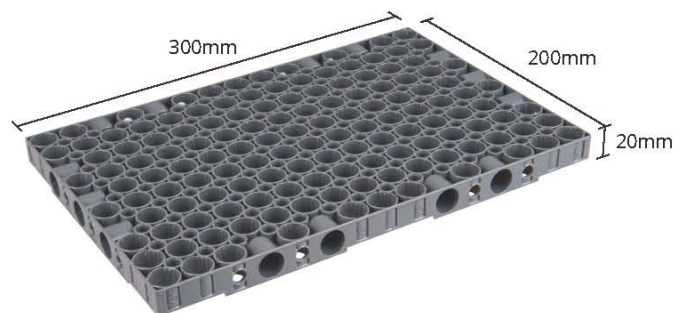


4 716503 536019

### FEATURES

- ▶ Refer to the assembly instructions for the JUMBO BASE GRID WALL and install it on any wall.
- ▶ Gigo All series parts can be assembled on this wall.

① JUMBO BASE GRID ×6



② JUMBO BASE GRID CONNECTOR ×8



③ JUMBO BASE GRID REMOVER ×8



④ 30mm CONNECTOR ×20



⑤ FLAT HEAD SCREW 1-1/4" ×8



⑥ PLASTIC SCREW ANCHOR 1-1/4" ×8







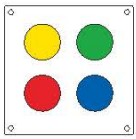
User Scenario











## Activity 1

### Circle Geo Block (For ages 2-3)

Content: 6 Activities

Objective: Use items found in everyday life to facilitate learning about fruits, animals, festivals, utensils, quantities and colors, while training fine motor skills.

## Activity 2

### Activity Wheel (For ages 3~5 1/2)

#### 1. Single Pointer

Do What I Do (Exercise gross motor skills)

#### 2. Two Pointers

Shadow Puppets (Develop fine motor skills)

#### 3. Three Pointers

Gift Wrapping (Matching and observation)

Content: 18 Activities

Objective: Use the pointers and paper cards to identify daily necessities, improve spatial awareness, self-expression, and interaction skills. Learn to compare size, thickness, and height; then apply concepts of quantity, simple addition, combinations and matching.



## Activity 3

### Activity Clock (For ages 5~6)

Content: 4 Activities

Objective: Use combinations of open play and directed learning to develop concepts connected to time. Follow the systematic guide, or jump in at your own level.





1. Disc+Board+Stand

**SERIES:** Learning Board  
**Age:** 3+  
**Item Size:** 475×595×325 mm  
**Content:** 89 pcs per set

Includes 60-page full color manual.  
Lead kids to learn through hints provided in each manual.  
Develop interaction between the kids and the guide.  
Detail as shown below.

1 set/1.26 cuf/7.02 kgs  
524×467×145 mm



### FEATURES

- Educators teach and interact with children through comprehensive instructions provided in a detailed manual.
- \*Circle Geo Block: 3 double-sided work cards for circle geo blocks teach colors, shapes, animals and food through interactive scenarios.
- \*Activity Wheel: 9 double-sided work cards for pointer games with up to 2 pointers and 1 soft stopper to play spinning educational games.
- \*Activity Clock: 2 double-sided work cards for clock concepts and 192 activity cards for clock concepts provide beginner, intermediate and advanced students with hands-on exercises to learn time.
- Comes with an easy to assemble, sturdy stand with a panel pocket for storage.



B5 60 PAGES



Back Binder



Front Pocket



2. Board+Stand



## #1177-1

### ALL-IN-ONE LEARNING BOARD

**SERIES:** Learning Board

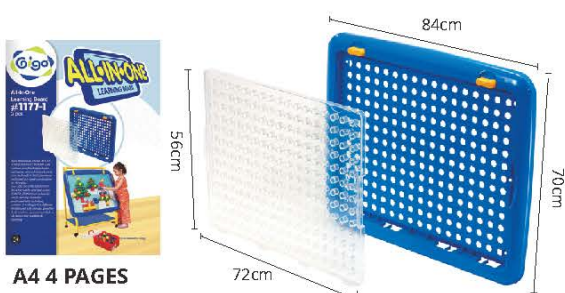
**Age:** 3+

**Item Size:** 840×700×40 mm

**Content:** 1 set contains a large, blue baseboard with a transparent pegboard top.

1 set/1.50 cuft/4.48 kgs

851×70×709 mm



A4 4 PAGES

## #1192-1

### GEO BLOCKS

**SERIES:** Learning Board

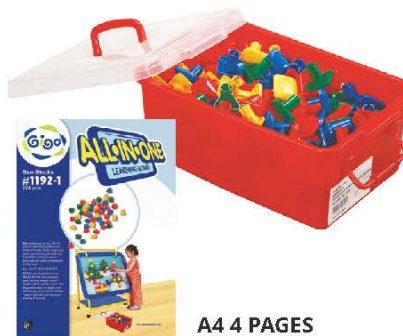
**Age:** 3+

**Item Size:** 370×160×230 mm

**Content:** Includes 224 pcs - 14 pcs each of 4 shapes (square, convex, triangle, circle) and 4 colors (green, yellow, blue, red).

1 set /0.60 cuft/ 2.13 kgs

379×239×185 mm



A4 4 PAGES

Square Triangle Convex Circle



## #1192-2 WORK CARDS FOR GEO BLOCKS (6 DOUBLE SIDED)

**SERIES:** Learning Board

**Age:** 3+

**Item Size:** Ø120×540 mm

**Content:** 6 double-sided activity cards for #1192-1 Geo Blocks.

6 sets/2.14 cuft/6.11 kgs

576×394×267 mm



6 DOUBLE-SIDED

A4 4 PAGES



#1177-1

#1193RS

#1192-2

#1192-1





# #1177-1

## ALL-IN-ONE LEARNING BOARD



**SERIES:** Learning Board

**Age:** 3+

**Item Size:** 840×700×40 mm

**Content:** 1 set contains a large, blue baseboard with a transparent pegboard top.

1 set / 1.50 cuft / 4.48 kgs



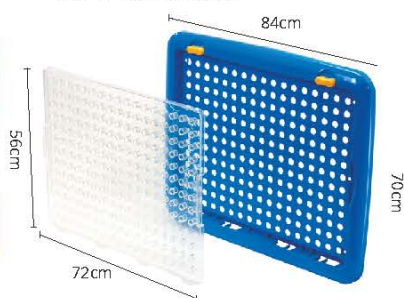
851×70×709 mm



4 716503 477015



A4 4 PAGES



# #1195-3

## GEAR KIT (70 PCS) FOR ALL-IN-ONE LEARNING BOARD



**SERIES:** Learning Board

**Age:** 3+

**Item Size:** 370×160×230 mm

**Content:** 6 Teeth and 18 Teeth gears with nails.



1 set / 0.60 cuft / 1.91 kgs



379×239×185 mm



4 716503 495033

Jumbo Gear With Adapter (18T)

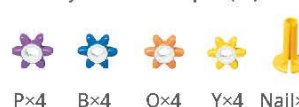


R×5

B×5

G×5

Tiny Gear With Adapter (6T)



P×4

B×4

O×4

Y×4



Nail×35



A4 4 PAGES



# #1195-4

## WORK CARDS FOR GEAR KIT (6 DOUBLE SIDED)



**SERIES:** Learning Board

**Age:** 3+

**Item Size:** Ø120×540 mm

**Content:** 6 double-sided activity cards for #1195-3 Gear Kit.



6 sets / 2.14 cuft / 6.15 kgs



576×394×267 mm



4 716503 495040



A4 4 PAGES



6 DOUBLE-SIDED



#1177-1

#1195-4

#1193RS

#1195-3



## #1177-1

### ALL-IN-ONE LEARNING BOARD

**SERIES:** Learning Board

**Age:** 3+

**Item Size:** 840×700×40 mm

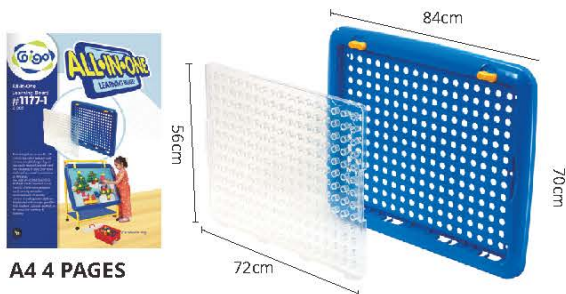
**Content:** 1 set contains a large, blue baseboard with a transparent pegboard top.

1 set/1.50 cuft/4.48 kgs

851×70×709 mm



4 716503 477015



## #1401

### WORD BUILDING CENTER

**SERIES:** Learning Board

**Age:** 3+

**Item Size:** 370×160×230 mm

**Content:** 31 letter tiles (1 set of consonants and 2 sets of vowels).

1 set/0.6 cuft/1.67 kgs

379×239×185 mm



4 716503 314013



A4 SHEET



Letter Tiles



## #1402 WORK CARDS FOR WORD BUILDING CENTER

**SERIES:** Learning Board

**Age:** 3+

**Item Size:** Ø120×540 mm

**Content:** 6 double-sided cards with 33 CVC words and a complete alphabet.

6 sets/2.14 cuft/6.03 kgs

576×394×267 mm



4 716503 314020



A4 SHEET



6 DOUBLE-SIDED



#1177-1

#1402

#1193RS

#1401





# #1193RS

## PANEL STAND C (WITH ONE PLASTIC SHELF)



**SERIES:** Learning Board  
**Age:** 3+  
**Item Size:** 815×920×425mm  
**Content:** 40 pcs per set

1 set /1.80 cuft/ 4.68 kgs

848×442×136 mm



4 716503 419329

### FEATURES

- Items can be put on the blue shelf of the panel stand.
- The release pliers easily disassembles the stand.
- The lockable wheels have moving and fixed modes.



#1192-1



A4 4 PAGES



#1177-1

#1193RS

#1192-2



ONE PLASTIC SHELF



# TEACHING AID Learn through Play





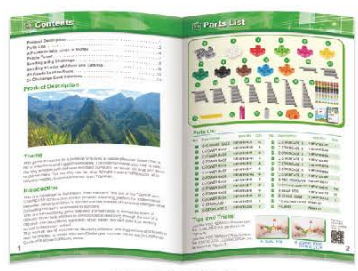


# #1187 MATH TOWER 3D

24 challenges  
236 PCS



Commercial video



A5 16 PAGES

**SERIES:** Teaching Aid  
**Age:** 5+  
**Item Size:** 370×170×240 mm  
**Content:**  
Stair × 9 pcs  
Tower × 10 pcs  
X Bases × 10 pcs  
Plastic challenge card × 24 pcs

4 sets/2.30 cuft/5.74 kgs  
479×382×355 mm



## FEATURES

- ▶ This is a fun board game combining blocks and algorithms, which develops logical thinking and problem-solving ability. Suits both self-learning and group learning.
- ▶ The idea comes from Mafate on the Reunion Islands where the postman has to climb up and down many stairs to deliver letters.
- ▶ Learning topics:
  - Understand the decomposition of numbers up to 10 with Cuisenaire method.
  - Develop mathematical skills and logic reasoning.
  - Implement algorithmic principle and decision tree.



NUMBER



## #1017CR CONNECT-A-CUBE (2CM CUBE)



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 105 pcs per set

Cube (in 10 colors, each color x 10 pcs) x 100 pcs

Activity card x 5 pcs

Packed in a plastic lockable box.

### FEATURES

- Develops counting, sorting and sequencing.
- Can be used with the #1163 Cube Activity Board to improve math skills.

20 sets/1.62 cuft/11.86 kgs

400×312×367 mm



4 716503 301716



## #1163 CUBE ACTIVITY BOARD



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 210×210×10 mm

**Content:** 1 pc per set

High-density EVA board×1

Printed with 1-100 numbered squares

[2×2cm] on one side and a multiplication square on the other.

50 sets / 1.21 cuft / 3.58 kgs

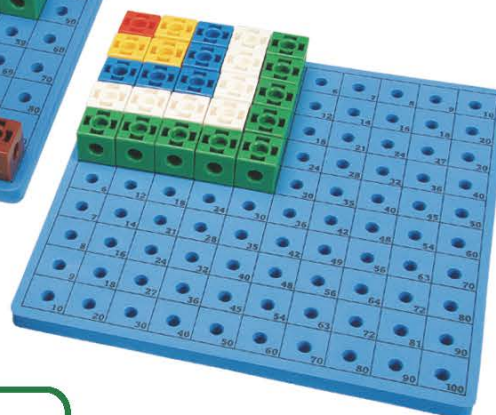
538×248×255 mm



4 716503 311630



Cubes are not included.



### FEATURES

- Develop the ability to count, sort, sequence, graph, measure, and make patterns.
- Understand basic ideas of mathematics.
- Enhance spatial awareness, creativity, problem solving and fine motor skills.





# #1006 MULTILINK NUMBER TRACK



Product  
introduction  
video



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 155×40×80 mm

**Content:** 60 pcs per set

- ▶ Track × 10 pcs, with numbers from 1 to 100 in 2 colors. Slide × 50 pcs, with length from 1 to 10cm, each length 5 pcs in 5 colors.
- ▶ Each set is packed in a plastic case.

96 sets/1.82 cuft/20.16 kgs

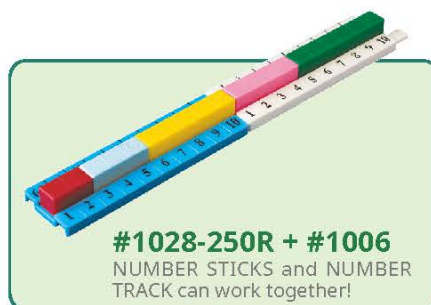
485×315×336 mm



4 716503 310060

## FEATURES

- ▶ Develop the ability to count, sort, sequence, add, subtract, measure and make patterns.



**#1028-250R + #1006**

NUMBER STICKS and NUMBER TRACK can work together!

# #1028-250R NUMBER STICKS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 255 pcs per set

one x 100 pcs in white  
three x 20 pcs in grey  
five x 20 pcs in yellow  
seven x 12 pcs in black  
nine x 11 pcs in blue  
Activity card x 5 pcs

two x 30 pcs in red  
four x 20 pcs in pink  
six x 15 pcs in green  
eight x 12 pcs in brown  
ten x 10 pcs in orange

12 sets/0.99 cuft/11.58 kgs

400×312×209 mm



4 716503 302812

## FEATURES

- ▶ Develop counting, sorting, sequencing, graphing, patterning, measuring and basic mathematics.
- ▶ Each unit is 1 cm. The number sticks (from 1 to 10 cm) are represented in different colors.





## #1002SC LINKING BASE TEN MATERIAL



Online Resources



Digital only

**SERIES:** Teaching Aid

**Age:** 4+

**Item Size:** 280×170×110 mm

**Content:** 121 pcs per set

UNIT=1 (1X1X1 cm) x 100 pcs

ROD=10 (10X1X1 cm) x 10 pcs

FLAT=100 (10X10X1 cm) x 10 pcs

CUBE=1000 (10X10X10 cm) x 1 pc

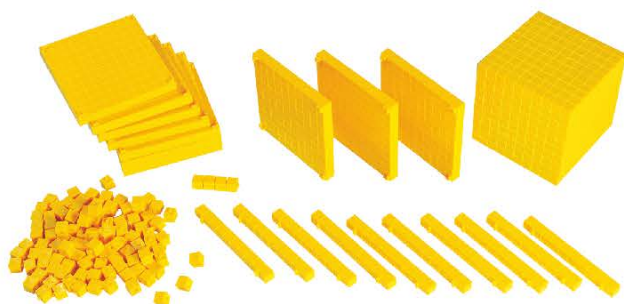
Packed in a plastic lockable box.

12 sets/2.44 cuft/12.08kgs

567×355×342 mm



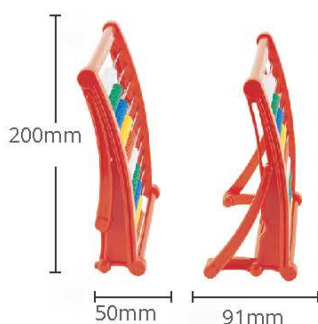
4 716503 310022



### FEATURES

- Units are connectable; rods and flats are stackable.
- Understand the relationships from the unit to the cube.
- Used to teach decimal systems, area and volume.

## #1188 NUMBER-GRID ABACUS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 220×210×55 mm

**Content:** 1 pc per set

Includes 100 beads in 5 colors on 10 rows, number grids printed on edges.

20 sets/2.20 cuft/8.60 kgs

464×442×303 mm



4 716503 411880

### FEATURES

- Develop counting, adding, subtracting and place value on understanding maths.
- Understand place value of decimals.



A5 4 PAGES



215mm

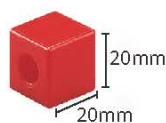
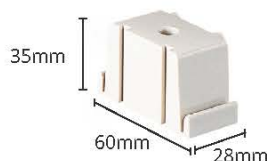


It can stand by sliding out a fixed support in back or lie down when the support slides flat.





## #1127 LINKABLE ABACUS



Digital only



Online Resources

**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 280×170×110 mm

**Content:** 139 pcs per set

Base x 5 pcs, Rod x 5 pcs

Cube x 75 pcs, Card x 54 pcs.

Packed in a plastic lockable box.



12 sets/2.44 cuft/8.09 kgs



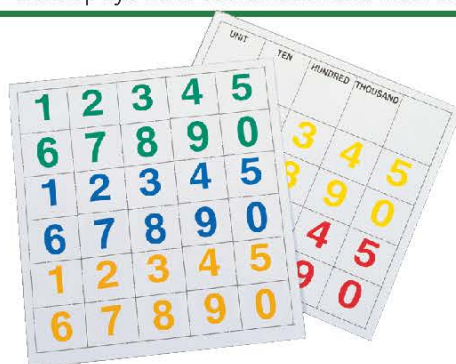
567×355×342 mm



4 716503 311272

### FEATURES

- Learn all about place values and the base-ten number system.
- Connecting all 5 bases together allows for numbers up to 99,999!
- Practice addition, subtraction and sorting at the same time.
- Complete the cube challenges that use 5 colors, and number cards for up to 5 decimal places.
- Develop eye-hand coordination and math skills.



## #1045-20R PEG BOARD SET



EVA Peg Board x 4 pcs  
Activity card x 5 pcs  
Black string x 4 pcs



8 sets/2.29 cuft/9.10 kgs



500×245×497 mm



4 716503 304519

### FEATURES

- Develop eye-hand coordination, counting, sequencing and patterning.



Peg x 120 pcs in 6 colors

63mm



## #1279 MEASURING BALANCE 2.0



A5 8 PAGES

**SERIES:** Teaching Aid

**Age:** 5+

**Item Size:** 430×155×170 mm

**Content:** 36 pcs per set

Balance (assembly needed: 11pcs) × 1

Stackable plastic weight × 14 pcs

Metal weight × 11 pcs

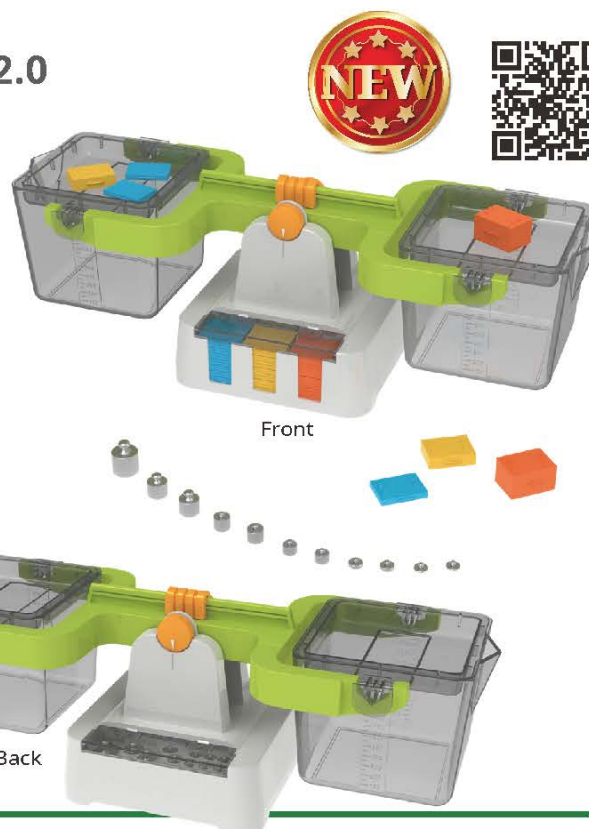
[total weight of 25 weights: 246g]

4 sets/1.88 cuft/6.41 kgs

445×358×333 mm



4 716503 312798



Front

Back

### FEATURES

- An exciting new redesign of a classic classroom scale. Bright colors and more stable than before, the Measuring Balance 2.0 is ideal for learning about weights, measures and volumes.
- Learn how to compare and measure liquids, solids, calculate counterweights and find equilibrium.
- The built in storage compartment holds all the various plastic and metal weights, and keeps the whole set organized when it is not in use.

## #1054M METAL WEIGHTS

**SERIES:** Teaching Aid

**Age:** 5+

**Item Size:** 70×85×20 mm

**Content:** 11 pcs per set

50g × 1    5g × 2

20g × 2    2g × 2

10g × 2    1g × 2

Each set is packed in a polybag, heat-sealed.

100 sets/0.18 cuft/12.94 kgs

258×182×106 mm



4 716503 454023



## #1279P PLASTIC WEIGHTS

**SERIES:** Teaching Aid

**Age:** 5+

**Item Size:** 190×70×150 mm

**Content:** 76 pcs per set

20g × 16    5g × 20

10g × 20    1g × 20

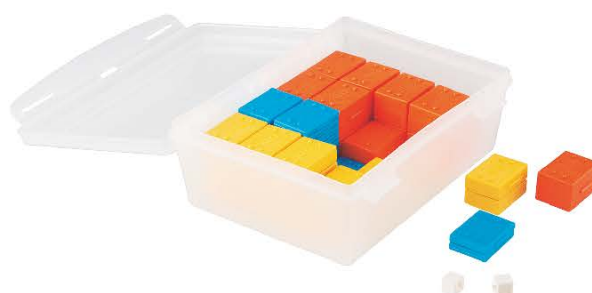
Each set is packed in a plastic lockable box.

20 sets/1.62 cuft/16.13 kgs

400×312×367 mm



4 716503 327914





# #1026 NUMBER EQUALIZER BALANCE

**SERIES:** Teaching Aid

**Age:** 4+

**Item Size:** 665×80×75 mm

**Content:** 21 pcs per set

Balance × 1 pc

10g weight × 20 pcs

An instruction manual.

Packed in a plastic lockable box.

20 sets/3.21 cuft/14.10 kgs

673×342×394 mm



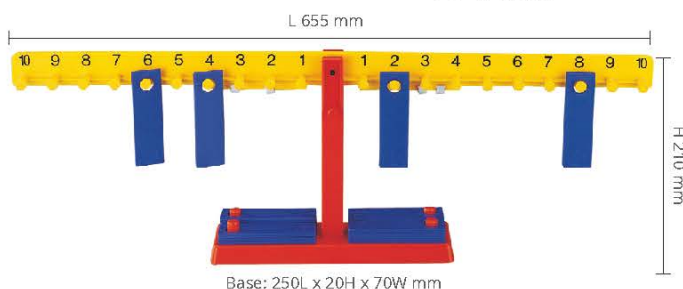
4 716503 310268



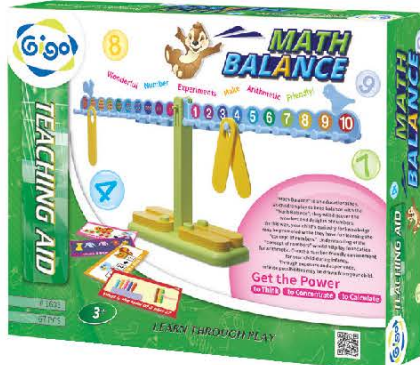
A5 4 PAGES

## FEATURES

- ▶ Visually display equal to {=}, greater than [>] and less than [<].
- ▶ Add and subtract by placing weights on the balance beam.
- ▶ Learn basic Math principles (addition, subtraction, multiplication and division) by doing the exercises in the instruction manual.



# #1603 MATH BALANCE



A4 16 PAGES

× 8 sheets



× 1 sheet

**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 340×270×60 mm

**Content:**

67 pcs per set

Balance × 1 pc

Weight × 20 pcs

Adjuster × 4 pcs

Work card × 30 pcs

Score sticker × 1 pc

Question sheet (double-sided) × 8 pcs

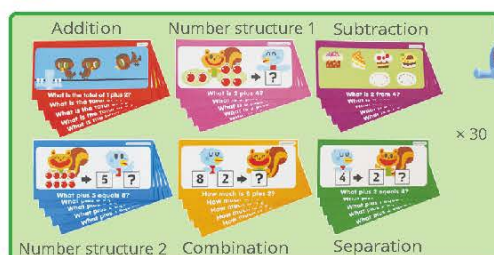
Guide book

6 sets/1.48 cuft/6.23 kgs

397×355×297 mm



4 716503 316031



× 30



## FEATURES

- ▶ Visually displays equal to {=}, greater than [>] and less than [<].
- ▶ Add and subtract by placing weights on the balance beam.
- ▶ Learn basic Math principles (addition, subtraction, multiplication and division) by doing the exercises in the instruction manual.
- ▶ Removable balance beam can be easily assembled and stored space-efficiently.
- ▶ Foundation of arithmetic. Number-friendly environment during early childhood. Get in power to think, concentrate and calculate.
- ▶ As children play and understand, they will discover the wonders and delights of numbers.



## #1407 GEOMETRIC BUILDING KIT

80  
models  
165 PCS



**SERIES:** Teaching Aid

**Age:** 4+

**Item Size:** 370×170×240 mm

**Content:**

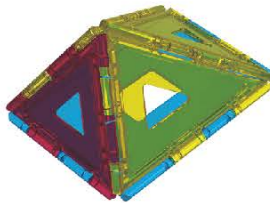
Includes 7 different X GEO (transparent) shapes with a Solid-Opening Tool. Each set is packed in a plastic box with lock.

4 sets/2.30 cuft/10.82 kgs

479×382×355 mm

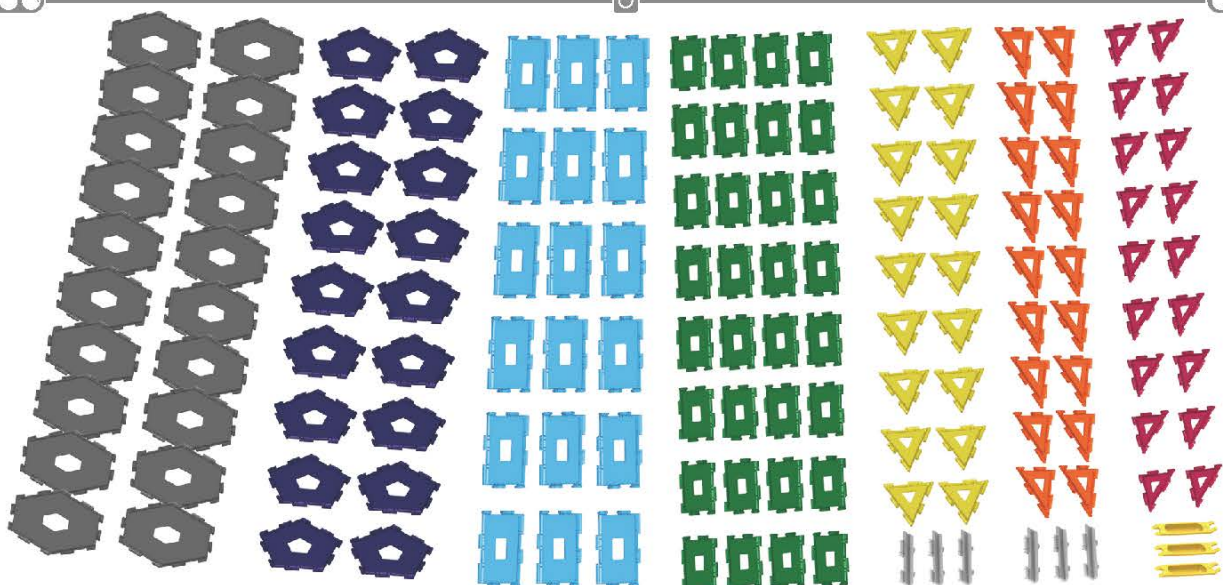


4 716503 314075



### FEATURES

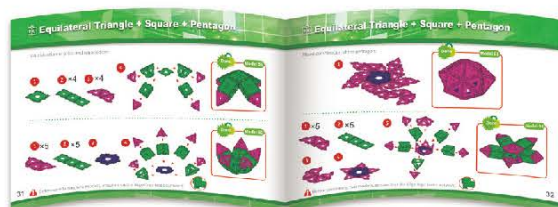
- ▶ X GEO is a versatile geometric building system designed to help learning skills.
- ▶ Follow the exercises in the 10 activity cards to transform 2D nets into 3D solids.
- ▶ The 7 geometric shapes are easy to disassemble with our signature hinge.
- ▶ Each geo shape has a smaller shaped hole in the center for easier shape-recognition, handling and tracing.
- ▶ Each kit contains ample pieces to build prisms, pyramids, Platonic Solid and Archimedean Solid models next to each other for easier observation, comparison and discussion in class.
- ▶ The square panels are compatible with the connect-a-cube.
- ▶ The X GEO Connector is recommended for more variations and creative design.





# #1408 GEOMETRIC CREATIVE KIT

77  
models  
92 PCS



A5 44 PAGES



**SERIES:** Teaching Aid  
**Age:** 4+  
**Item Size:** 370×290×80 mm

6 sets/2.32 cuft/8.11 kgs

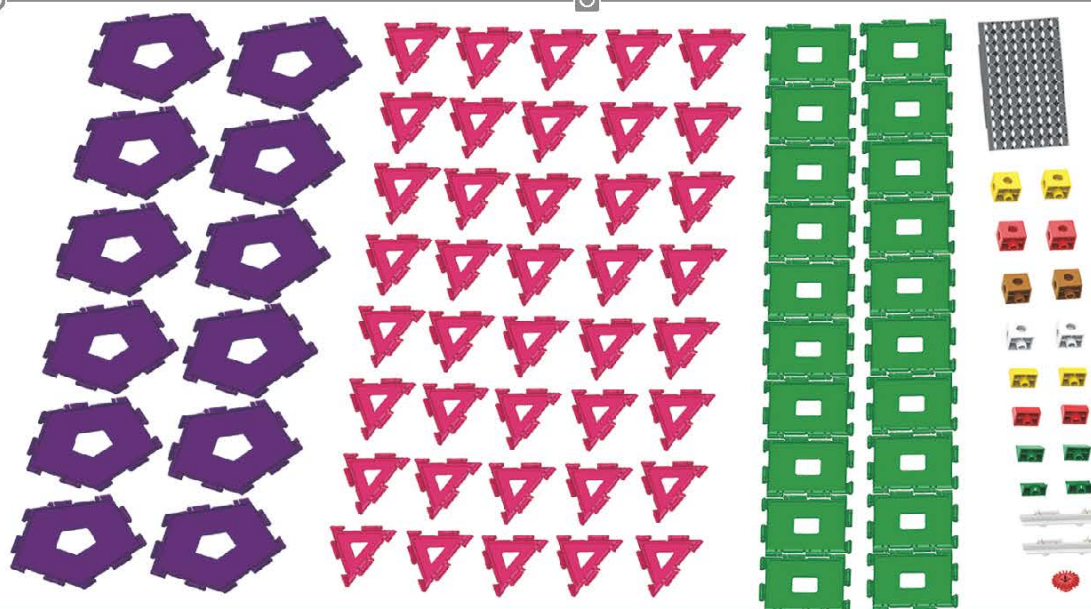
527×388×321 mm



4 716503 314082

## FEATURES

- The durable plastic shapes of the X Geo geometric construction system feature a patent clip hinge so you can quickly and easily discover and explore 2D nets and 3D solids; perimeter, volume, vertices and angles.

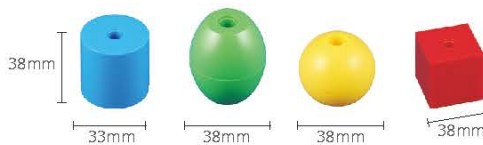




## #1040 JUMBO PLASTIC BEADS



Digital only



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 370×170×240 mm

**Content:** 106 pcs per set

Jumbo bead (in 4 shapes and in 6 colors) × 100 pcs

- Cylinder bead × 25 pcs [R×4, B×4, G×4, O×4, P×4, Y×5]

- Oval bead × 25 pcs [R×4, B×4, G×4, O×4, P×4, Y×5]

- Round bead × 25 pcs [R×4, B×4, G×4, O×4, P×4, Y×5]

- Square bead × 25 pcs [R×4, B×4, G×4, O×4, P×4, Y×5]

Colored lace × 6 pcs

Packed in a plastic lockable box.

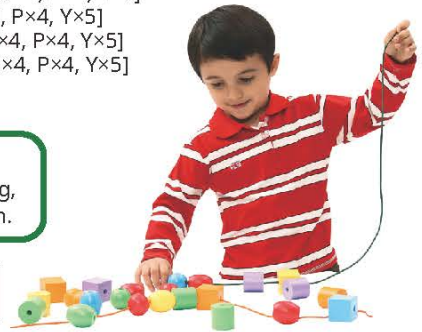
### FEATURES

- Develop counting, sequencing, sorting, patterning and eye-hand coordination.

6 sets/3.29 cuft/12.37 kgs  
718×382×339 mm



Online Resources



## #1041-6RR PLASTIC BEADS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 311 pcs per set

Bead (in 3 shapes and in 6 colors) × 300 pcs

- Square bead × 100 pcs [G×17, Y×17, P×17, B×17, R×16, O×16]

- Cylinder bead × 100 pcs [G×17, Y×17, P×17, B×17, R×16, O×16]

- Round bead × 100 pcs [G×17, Y×17, P×17, B×17, R×16, O×16]

Colored lace × 6 pcs

Activity card × 5 pcs

Packed in a plastic lockable box.

20 sets/1.62 cuft/13.56 kgs  
400×312×367 mm

### FEATURES

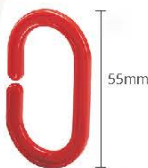
- Develop eye-hand coordination skills.
- Improve recognition of shapes and color identification.
- Understand basic concepts of counting, sequencing and sorting.



Works with #1040 JUMBO PLASTIC BEADS.



## #8025-60CR PLASTIC LINKS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 65 pcs per set

Plastic link (in 4 colors) × 60 pcs

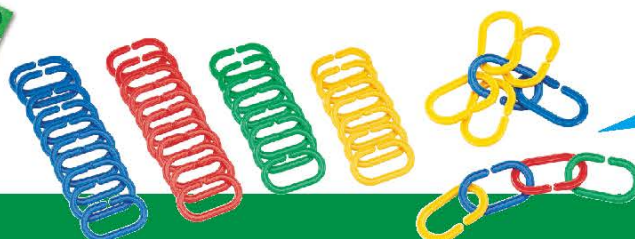
Activity card × 5 pcs

Packed in a plastic lockable box.

20 sets/1.62 cuft/9.62 kgs  
400×312×367 mm

### FEATURES

- Used to develop sequencing and problem solving skills.
- Build hand dexterity and color identification abilities.

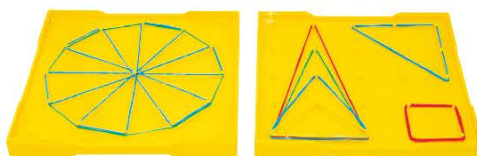




## #1601 DOUBLE SIDED GEOBOARD



A5 4 PAGES



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 185×185×185 mm

**Content:** 208 pcs per set

Geoboard × 8 pcs

Colorful rubber band (randomly selected color) × 200 pcs  
Packed in a colorful box.

6 sets/1.72 cuft/7.35 kgs

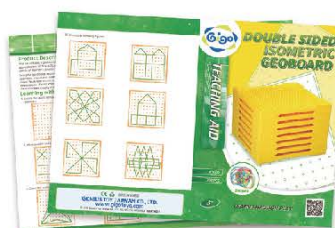
591×400×206 mm



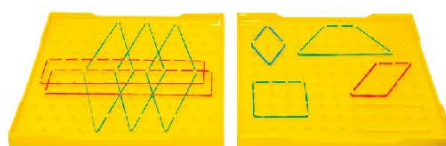
### FEATURES

- Explore, compare, make geometric shapes and designs; compare similarities, differences of shape and size; count and work with symmetry, congruence, perimeter, area, fractions and angles.
- Made of durable polypropylene.
- One side has 5x5 pin array, other side has 12 pin circular arrangement.

## #1602 DOUBLE SIDED ISOMETRIC GEOBOARD



A5 4 PAGES



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 210×185×210 mm

**Content:** 208 pcs per set

Geoboard × 8 pcs

Colorful rubber band (randomly selected color) × 200 pcs  
Packed in a colorful box.

6 sets / 2.11 cuft / 9.29 kgs

654×442×206 mm



### FEATURES

- Made of durable polypropylene.
- One side has 11×11 pins on 2 cm raised grid, other side pins are in an isometric array to allow work with isosceles triangles.





## #1042R PLASTIC PATTERN BLOCKS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 255 pcs per set

Yellow hexagon × 25 pcs, Red trapezoid × 50 pcs, Blue rhombus × 50 pcs, Green triangle × 50 pcs, Orange square × 25 pcs, Beige rhombus × 50 pcs, Activity card × 5 pcs  
Each set is packed in a plastic box with lock.

20 sets/1.62 cuft/13.74 kgs  
400×312×367 mm



4 716503 304212

### FEATURES

- Classify geometric shapes and understand their relationship to each other.
- Learn how to distinguish pattern and symmetry and develop problem solving skills.
- Develop a concept of fractions and relationship between divisions.
- Able to work with #1161 and #1162.

## #1161 PATTERN BLOCKS' CIRCULAR WORK TRAY



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 295×285×20 mm

**Content:** 10 pcs per set  
10 double-sided activity cards and a work tray with lid.

60 sets/3.55 cuft/12.11 kgs

576×576×303 mm

### FEATURES

- Improve children's recognition of shapes and colors.
- Develop eye-hand coordination, symmetry and creativity.
- Able to work with #1042R.



4 716503 311616

## #1162 PATTERN BLOCKS' TRIANGULAR WORK TRAY



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 295×20×270 mm

**Content:** 10 pcs per set

10 double-sided activity cards and a work tray with lid.

60 sets/2.53 cuft/7.13 kgs

721×288×345 mm



4 716503 311623

### FEATURES

- Improve children's recognition of shapes and colors.
- Develop eye-hand coordination, symmetry and creativity.
- Able to work with #1042R.







## #1027R ATTRIBUTE LOGIC BLOCKS



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 65 pcs per set

Attribute logic block × 60pcs

- 5 shapes [square, rectangle, circle, triangle, hexagon]

- 3 colors [red, yellow, blue]

- 2 sizes [10 cm<sup>2</sup>, 30 cm<sup>2</sup>]

- 2 thickness [3mm, 6mm]

Activity card × 5 pcs

Each set is packed in a plastic lockable box.

20 sets/1.62 cuft/10.17 kgs

400×312×367 mm



### FEATURES

- ▶ Learn how to classify shapes, sizes, colors and thickness.
- ▶ Develop logical thinking.



SHAPE

## #1043RR PLASTIC TANGRAM



**SERIES:** Teaching Aid

**Age:** 4+

**Item Size:** 190×70×150 mm

**Content:** 110 pcs per set

Plastic tangram (in 3 shapes, in 5 colors with different sizes) × 105 pcs

- Large Triangle (in five colors) × 30 pcs (each color has 5 pieces)

- Medium Triangle (in five colors) × 15 pcs (each color has 3 pieces)

- Small Triangle (in five colors) × 30 pcs (each color has 5 pieces)

- Square (in five colors) × 15 pcs (each color has 3 pieces)

- Parallelogram (in five colors) × 15 pcs (each color has 3 pieces)

Activity card × 5 pcs

Packed in a plastic lockable box.

\*Note: A tangram is a Chinese geometrical puzzle using 7 pieces to make a design.

\*Note: These kit can make up to 15 tangram patterns.

20 sets/1.62 cuft/13.36 kgs

400×312×367 mm



### FEATURES

- ▶ Understand geometric shapes and how they relate to each other.
- ▶ Problem solving by matching.
- ▶ Endless play possibilities.



## #1044 VOLUME RELATIONSHIP SET



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 280×115×110 mm

**Content:** 6 models per set (cube, rectangular box, cylinder, sphere, square pyramid and cone)



20 sets/2.95 cuft/13.00 kgs

570×294×497 mm

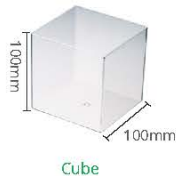


### FEATURES

- Exploration of geometric shapes and volume ratios.
- An open bottom for adding or subtracting water or sand.



Rectangle



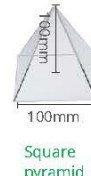
Cube



Cylinder



Sphere



Square pyramid



Cone

## #1062 MATH MIRROR



**SERIES:** Teaching Aid

**Age:** 5+

**Item Size:** 100×160×50 mm

**Content:** 2 pcs per set  
Each set includes one mirror and one plastic sheet.  
Packed in a colorful box with a detailed guide.

50 sets/1.50 cuft/6.80 kgs

506×333×251 mm



### FEATURES

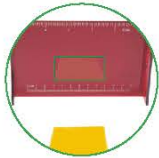
- Learn how to analyze geometric shapes and congruence, similarity and symmetry of shapes.
- It acts as a real mirror with blue backing card.
- With metric and imperial graduation on the edges and protractor on the end, it is easy to draw or measure the geometric shapes.



To draw the symmetric part.



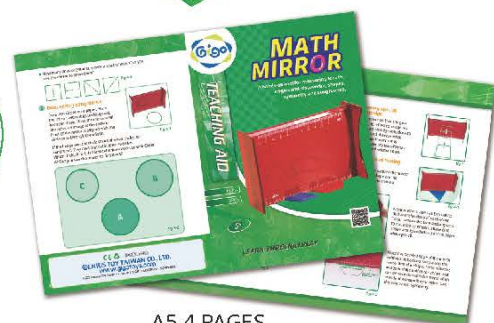
To tell the angle.



To discover spatial relationships.



To discover congruence.



A5 4 PAGES



# #1167R CONNECT-A-CUBE (SPACE CUBE)



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 190×70×150 mm

**Content:** 93 pcs per set.

Cube × 72 pcs [R×18, Y×18, G×12, B×24]

6 Hole Cube × 16 pcs [R×4, Y×4, G×4, B×4]

Activity cards × 5 pcs

Each set is packed in a plastic lockable box.

20 sets/1.62 cuft/13.48 kgs

400×312×367 mm

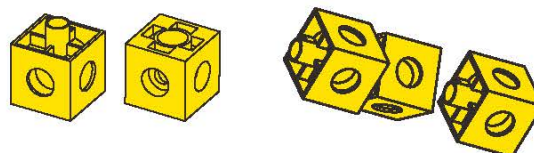


4 716503 316710



## FEATURES

- ▶ Space Cube consists of cubes with one peg and cubes with 6 holes.
- ▶ Side measures 2cm. It is connectable on all sides and can rotate.
- ▶ Create a variety of 3D space design works and the plane variations, and understand the concept of numbers.
- ▶ Children can obtain sense of space, problem solving, symmetry, organization, logical thinking and creativity.



Game A



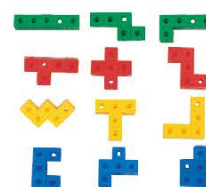
Game B



Game C

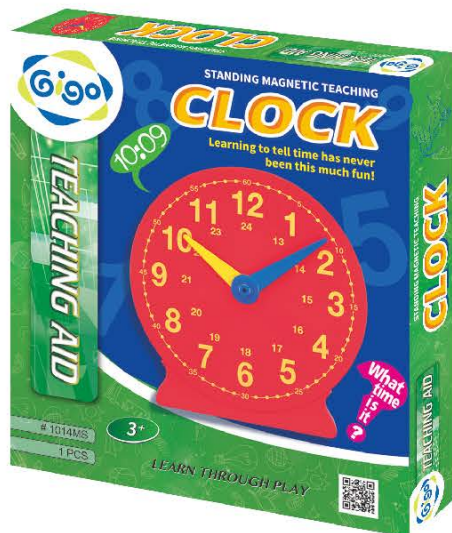


Game D





## #1014MS STANDING MAGNETIC TEACHING CLOCK



A5 4 PAGES

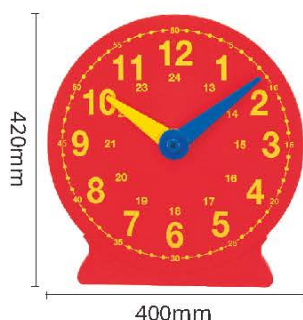
**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 405×445×55 mm

**Content:** 1 pc per set  
Made of strong, durable non-toxic plastic  
40cm clock in diameter.  
4 magnets on back for fixing and a hook for hanging.  
A guide is included.

6 sets/2.62 cuft/6.31 kgs  
421×376×467 mm



Back view



### FEATURES

- ▶ The two hands move as punctually as a real clock when you turn its knob.
- ▶ Shows 12 & 24 hours and 60 minutes with numbers and graduations. Simple to use and easy to read.
- ▶ Perfect for classroom demonstrations.
- ▶ Works interactively with 1190P Student Clock in classroom.

## #8020 OWL TEACHING CLOCK



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 110×155×60 mm

72 sets/3.11 cuft/15.41 kgs

473×327×570 mm



### FEATURES

- ▶ A fun way to learn how to tell time.
- ▶ Turning the long hand (minute hand), the short hand (hour hand) will move automatically just like a real clock.

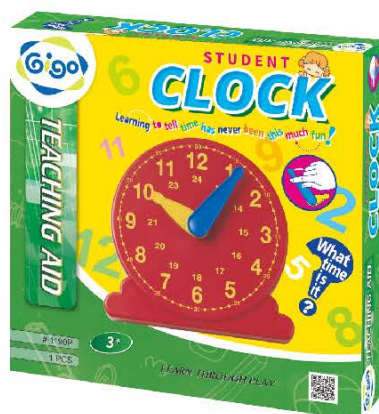


3 colors available based on factory distribution

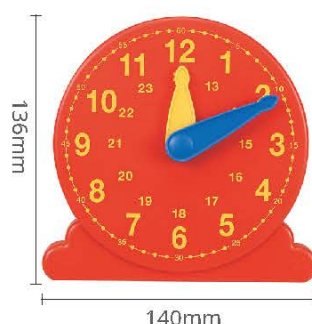




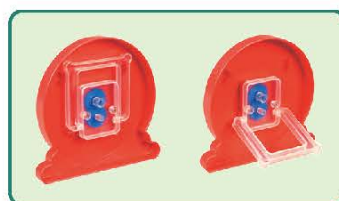
# #1190P STUDENT CLOCK



A5 4 PAGES



Back view



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 145×140×30 mm

**Content:** 1 pc per set

Made of strong, durable non-toxic plastic 13 cm clock in diameter.

60 sets/1.32 cuft/6.74 kgs

445×303×276 mm

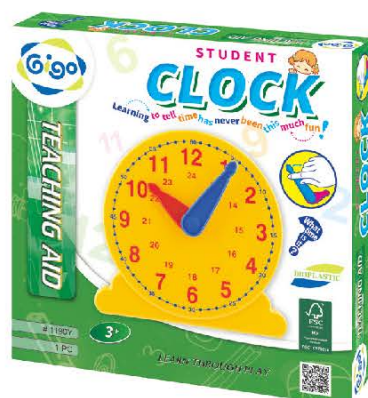


4 716503 411903

## FEATURES

- ▶ Clock can stand up or lie flat on a surface.
- ▶ Hour and minute hands are geared to move correctly together.
- ▶ Can be used to teach the 12 or 24 hour clock, each minute is graduated correctly and easy to read.
- ▶ Works interactively with #1014MS, the classroom size Standing Magnetic Teaching Clock.

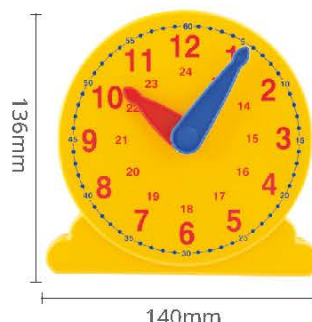
# #1190Y STUDENT CLOCK (BIOPLASTIC)



BIOPLASTIC



A5 4 PAGES



Back view



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 145×140×30 mm

**Content:** 1 pc per set

Made of strong, durable non-toxic plastic 13 cm clock in diameter.

60 sets/1.32 cuft/6.14 kgs

445×303×276 mm

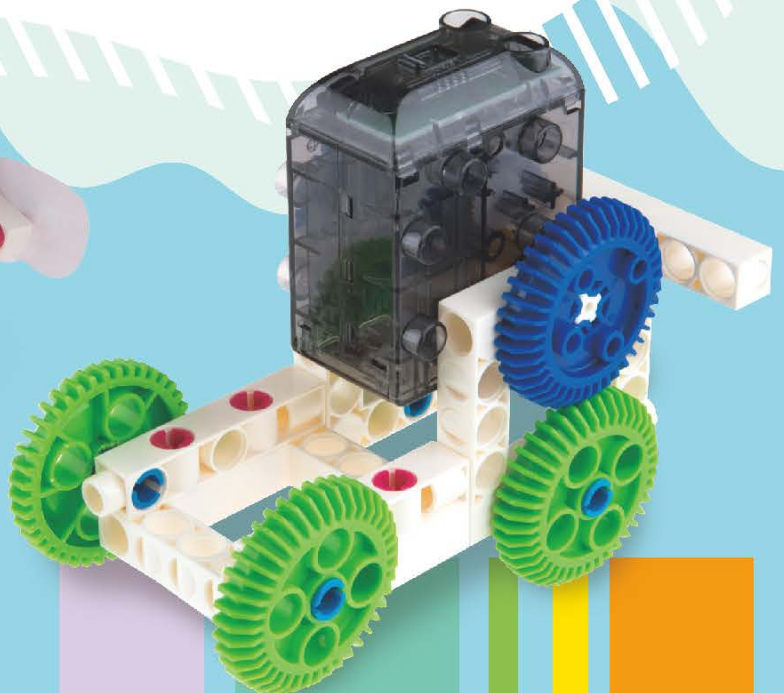


4 716503 419015

## FEATURES

- ▶ Clock can stand up or lie flat on a surface.
- ▶ Hour and minute hands are geared to move correctly together.
- ▶ Can be used to teach the 12 or 24 hour clock, each minute is graduated correctly and easy to read.
- ▶ Works interactively with #1014MS, the classroom size Standing Magnetic Teaching Clock.
- ▶ Clock face is made of a safe and environmentally-friendly biodegradable material.
- ▶ To make learning easy, the red hour hand and blue minute hand are high contrast, but they match the colored hour and minute markings.







# #1209 REMOTE CONTROL ROBOT

12  
models  
85 PCS



A4 52 PAGES

**SERIES:** Teaching Aid

**Age:** 8+

**Item Size:** 325×225×65 mm

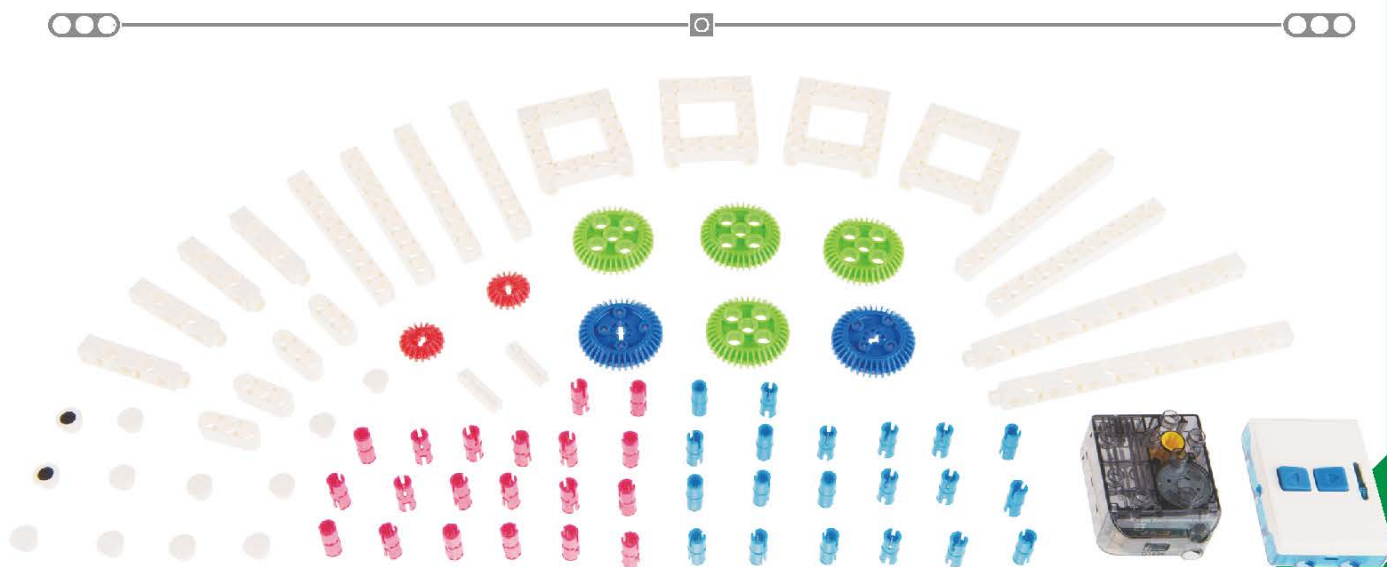
5 sets/1.13 cuft/3.78 kgs

355×348×258 mm



## FEATURES

- ▶ Gigo's unique infrared remote control device has a maximum range of 8~10 meters, and 4 independent channels so that the fun can continue without interference.
- ▶ Build 12 robot models such as a crab, a rabbit, a boxing robot and more. The fun paper cut-out designs bring the moving models to life!
- ▶ Experiment with cams, connecting rods, gears and other simple machines as you assemble, disassemble and refine your model.
- ▶ Explore the world around you through a variety of designs. Discover how structures fit together and learn the basics of mechanisms.
- ▶ Use STEAM principles to practice, explore, learn and develop creativity.
- ▶ Requires 6 AAA/LR03 batteries – not included.





## #1263 GEAR DRAWING MACHINE

16  
models  
49 PCS



A4 36 PAGES

**SERIES:** Teaching Aid

**Age:** 5+

**Item Size:** 325×225×65 mm

5 sets/1.13 cuft/3.56 kgs

355×348×258 mm

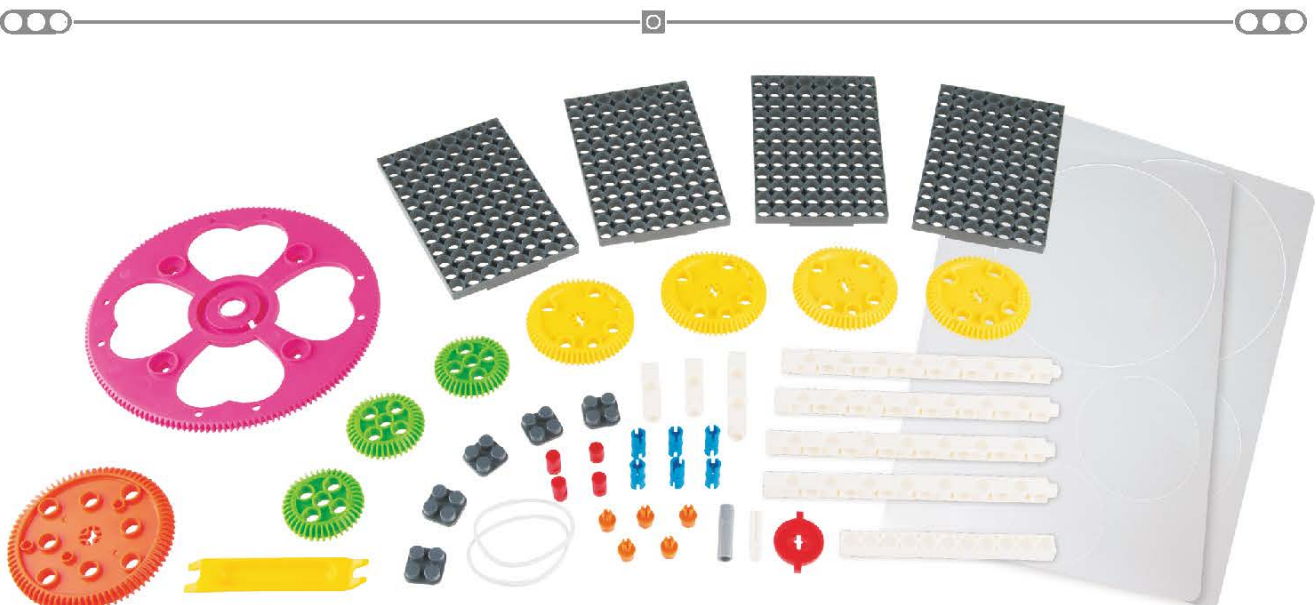


4 716503 312637



### FEATURES

- ▶ Developed in collaboration with National Taichung University of Education, Department of Science Education.
- ▶ Develops artistic and mechanical abilities.
- ▶ Experiment with levers, gears, elasticity and reactive forces.
- ▶ Study gear ratios and engineering design through fun games.
- ▶ Stimulates curiosity in combinations and permutations, and inspires children to develop their own solutions to challenges.







# #1406R MAKER JUNIOR

12  
models  
102 PCS



A4 28 PAGES

**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 335×225×70 mm

5 sets/1.13 cuft/3.66 kgs

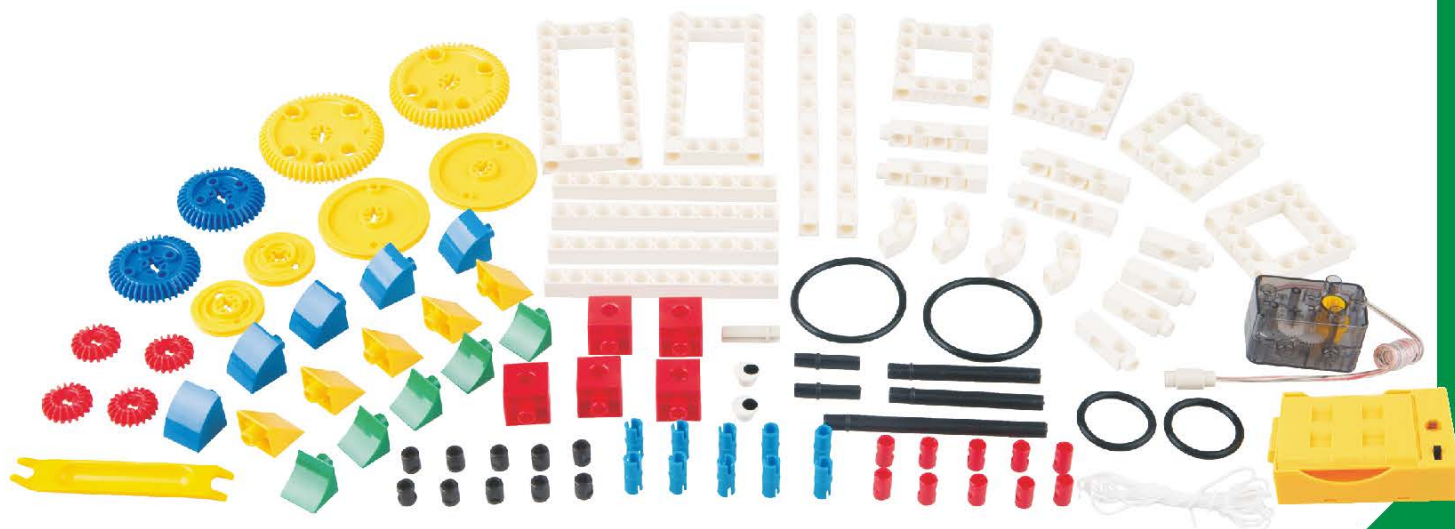
355×348×258 mm



4 716503 340616

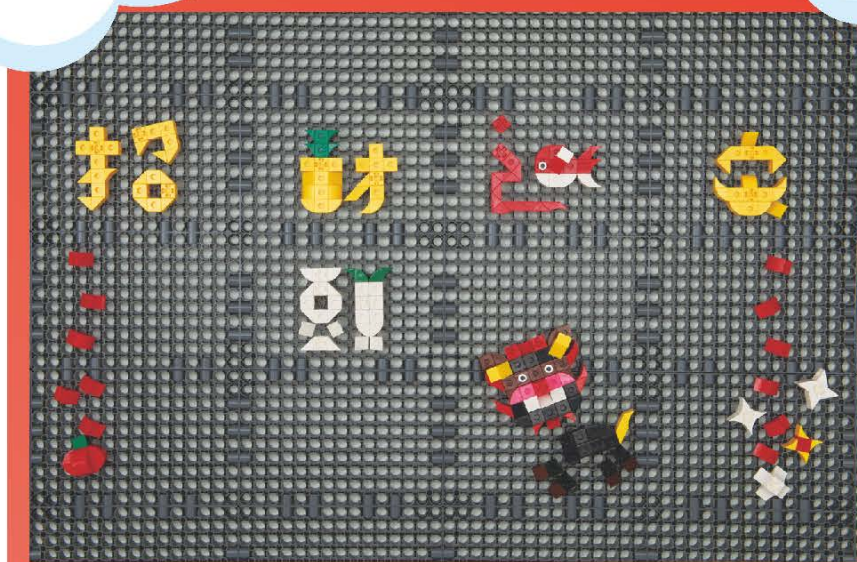
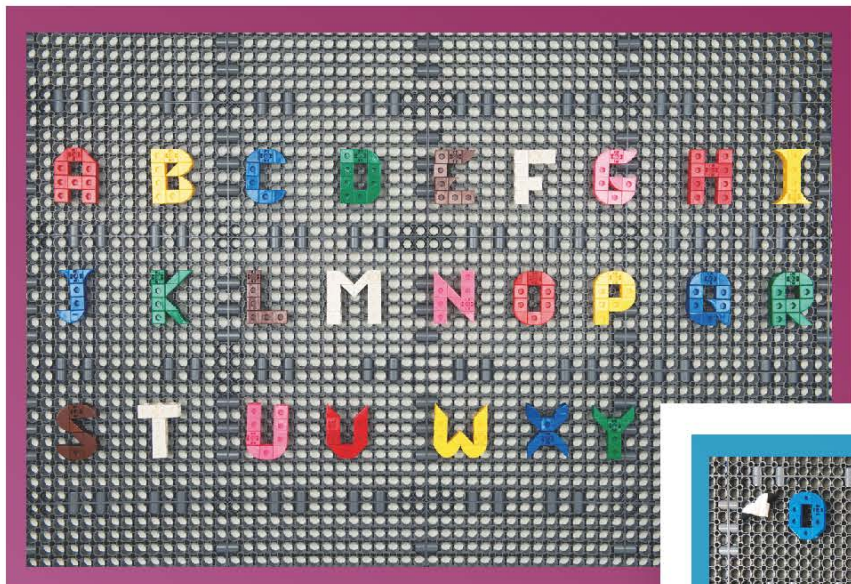
## FEATURES

- Learn about simple machines. Leaver arms, inclined planes, gearing, winch, wheels, etc.
- Includes an electrical motor and battery box.





# TEACHING AID Learn through Play







# #1403 MAKER WALL

80  
models  
1412 PCS



A4 90 PAGES

**SERIES:** Teaching Aid

**Age:** 3+

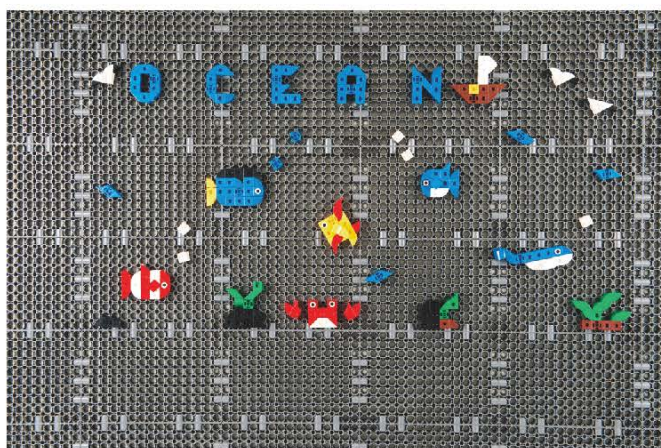
**Item Size:** 595×235×410 mm

1 set/2.22 cuft/6.90 kgs

600×415×252 mm



4 716503 314037



## FEATURES

- ▶ Through the use of story books, children will develop imagination, an interest in self-assembly, confidence in building and creativity.
- ▶ There are near infinite possible combinations. Children can assemble animals, letters and numbers to promote understanding.
- ▶ Children can explore concepts of symmetry in two and three-dimensional space with a range of blocks and shapes.
- ▶ JUMBO BASE GRID #T036R not included.





## #1404 TRACK WALL

30  
models  
175 PCS



A4 58 PAGES



**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 595×235×410 mm

1 set/2.22 cuft/6.08 kgs

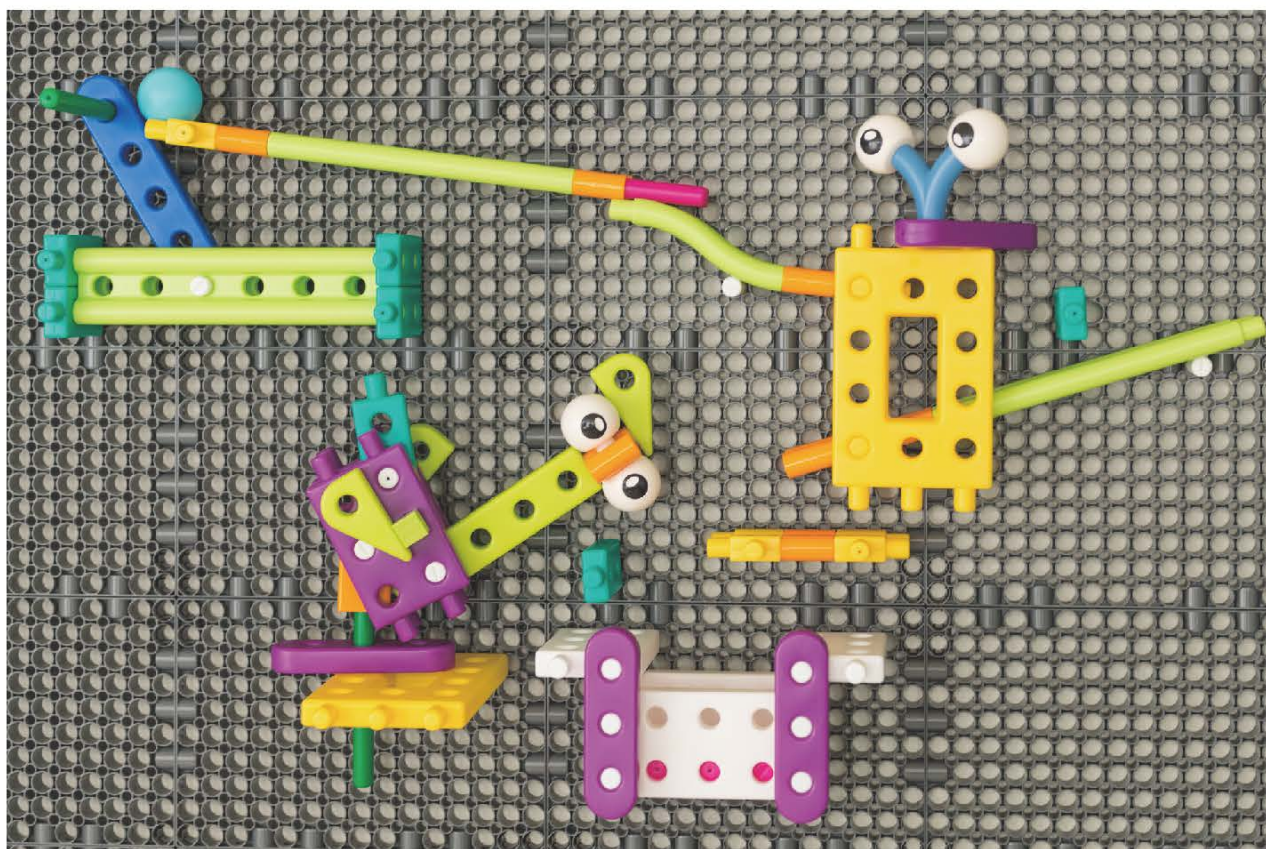
600×415×252 mm



4 716503 314044

### FEATURES

- ▶ To understand scientific principles such as the effects of gravity and slopes, we can design tracks to show how a ball moves or falls.
- ▶ There are many fun and exciting shapes to make, like vehicles, plants and underwater creatures.
- ▶ With vivid themes, children can develop their creatures.
- ▶ JUMBO BASE GRID #T036R not included.







# #1405 GEAR UP WALL

30  
models  
203 PCS



A4 46 PAGES

**SERIES:** Teaching Aid

**Age:** 3+

**Item Size:** 595×235×410 mm

1 set/2.22 cuft/6.17 kgs

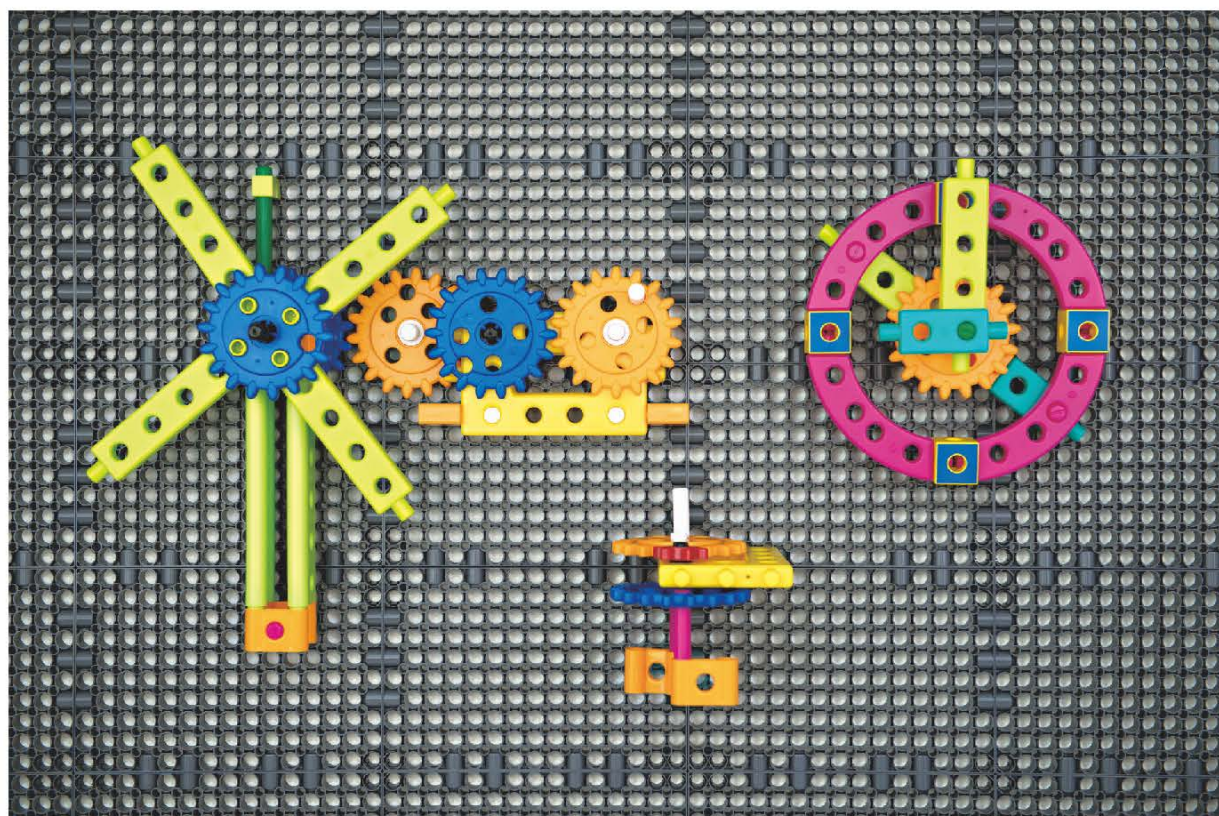
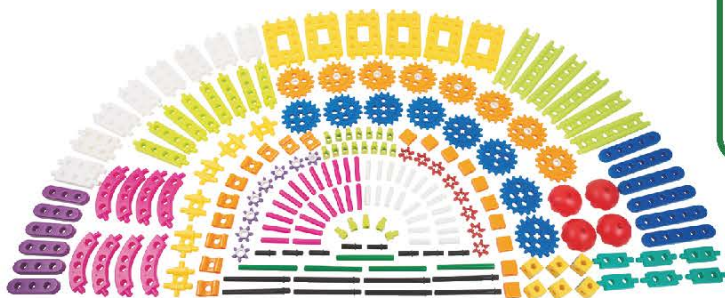
600×415×252 mm



4 716503 314051

## FEATURES

- Simple physical principles & scientific applications absorbed through play.
- Creative building plans and themes to inspire the imagination.
- Easy to assemble pieces, including gears, transmissions and control systems.
- JUMBO BASE GRID #T036R not included.

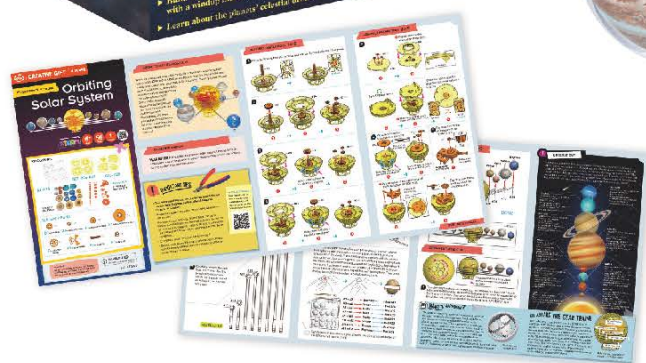
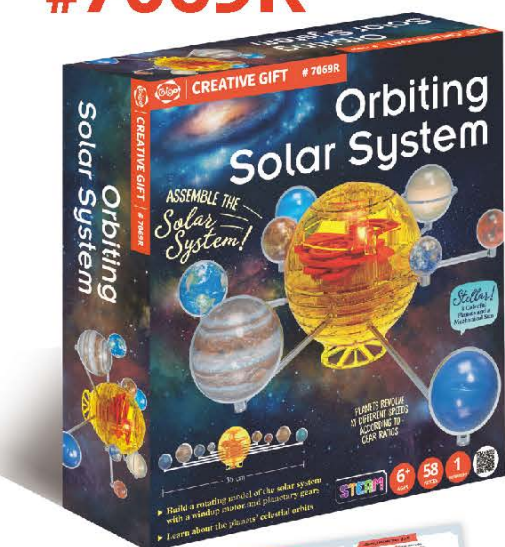




# CREATIVE GIFT

## #7069R ORBITING SOLAR SYSTEM

1  
model  
58 PCS



DOUBLE SIDED LEAFLET 8 PAGES

**SERIES:** Creative Gift  
**Age:** 6+  
**Item Size:** 255×280×65 mm

6 sets/1.25 cuft/4.38 kgs

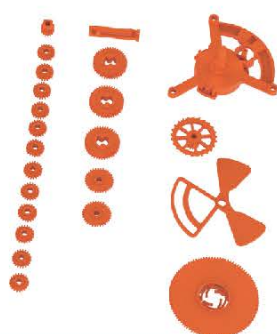
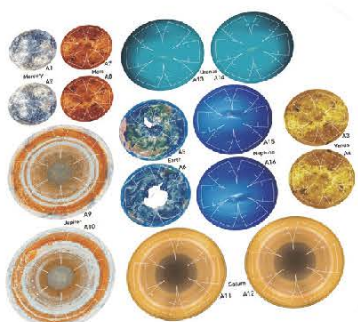
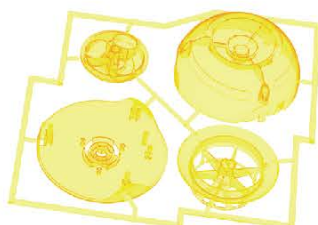
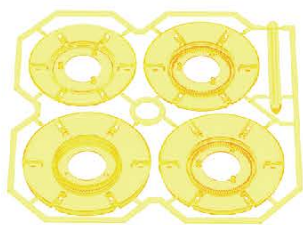
421×273×306 mm



4 716503 206912

### FEATURES

- Build a colorful model of the solar system.
- Windup engine sets your planets in motion around the sun — no batteries required.
- Explore fundamental gear mechanics.
- Learn about the planets' celestial orbits.





## #T129 STEAM ROBOT



3 PAGES Digital only

**SERIES:** Creative Gift

**Age:** 3+

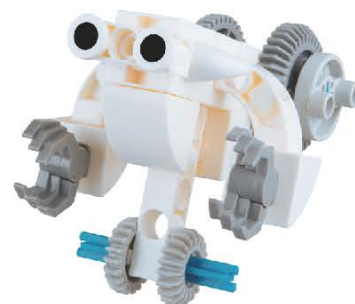
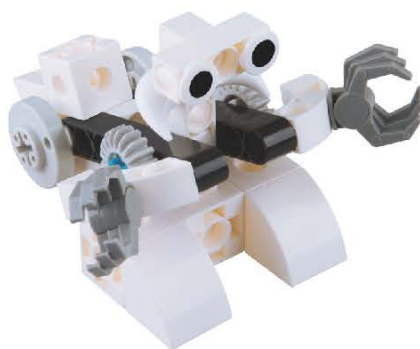
**Item Size:** 140×130×50 mm

60 sets/2.35 cuft/6.46 kgs

527×412×306 mm



4 716503 012902



3  
models  
46 PCS



### FEATURES

- Space war is on the way! Make the best robot to protect the Earth.
- Make 3 simple robots following STEAM concepts.
- With 46 pieces, practice building with gears, levers and inclined planes.
- Learn simple mechanical concepts and observe how your creations move.
- Cultivate 3D concepts by assembling and redesigning models.
- Develop logical thinking skills by using blocks of different sizes, colors and shapes.
- Set includes a digital manual with full assembly instructions.

## #T209 LITTLE CREATOR



A4 SHEET

**SERIES:** Creative Gift

**Age:** 1.5+

**Item Size:** 250×130×80 mm

30 sets/3.12 cuft/5.50 kgs

569×421×412 mm



4 716503 220901



5  
models  
7 PCS



### FEATURES

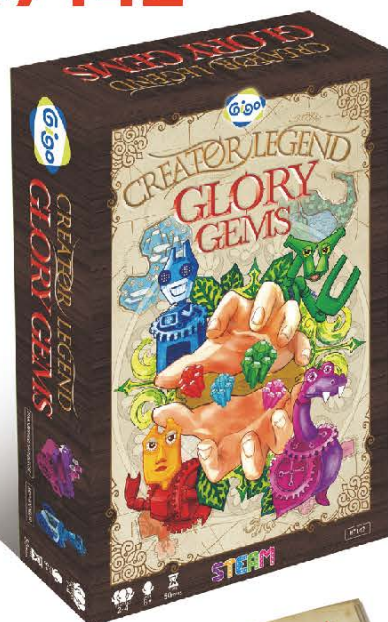
- 5 creative models: jellyfish, musical instrument, plant, electric fan, and spinning top.
- Easy to handle and put together which encourages children's eye-hand coordination.
- Improve children's recognition of shapes and colors.
- Provide unlimited possibility with a diversity of assembly methods.
- Easy to make extension, which can boost children's creativity.
- Learn by doing and develop problem-solving skills.



# CREATIVE GIFT

## #7142 CREATOR LEGEND-GLORY GEMS

12  
models  
236 PCS



A5 12 PAGES

**SERIES:** Creative Gift

**Age:** 8+

**Item Size:** 225×325×65 mm

5 sets/1.07 cuft/7.87 kg

355×348×245 mm



4 716503 071428



MAP



### FEATURES

- ▶ Gigo has created the world's first integrated STEAM, board game experience.
- ▶ Have fun building and gaming with friends and family.
- ▶ Two ways to play in a world of mysterious ancient civilizations.  
Characters you create will be summoned to save the world of cute monsters!
- ▶ Learn structural concepts and logical thinking while you play. Build and strategize as your characters compete for power Gems.
- ▶ Suitable for ages 8 and up, 2 to 4 players, duration approximately 50 minutes.







# #T205 FROZEN KING

3  
models  
28 PCS



A4 2 PAGES

**SERIES:** Creative Gift

**Age:** 6+

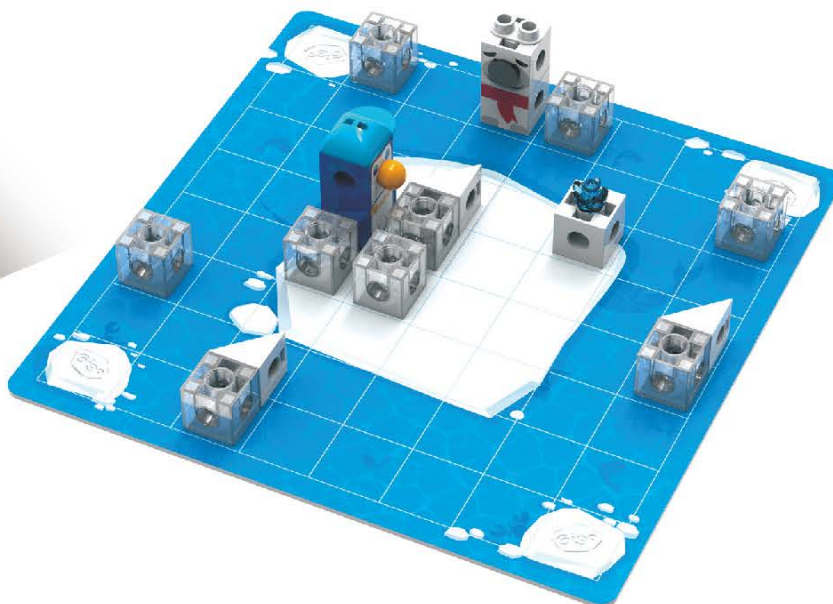
**Item Size:** 135×135×60 mm

20 sets/0.94 cuft/5.33 kgs

312×288×294 mm



4 716503 220505



## FEATURES

- ▶ STEAM concepts meet board games! Build your character, then play to win.
- ▶ Develop logical skills and gain the upper hand through superior strategy.
- ▶ Discuss environmental issues such as climate change and ecological effects on animals.
- ▶ Win by luck, or guarantee success by planning multiple steps ahead. Build your concentration and planning skills during the game.

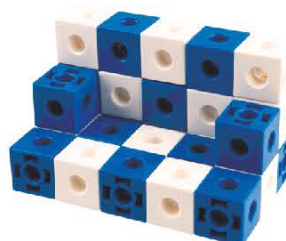
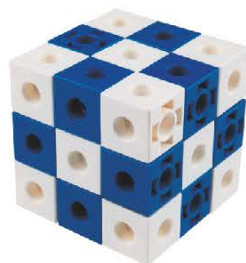




# CREATIVE GIFT

## #T189 Gigo BLOCK

5  
courses  
41 PCS



**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 130×180×100 mm

40 sets/2.61 cuft/7.21 kgs  
648×339×330 mm

### FEATURES

► Learn Soma cube & plan diagram.

## #T182 STEAM GEAR SET

30  
models  
27 PCS



**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 130×180×100 mm

50 sets/2.56 cuft/5.58 kgs  
648×339×330 mm

### FEATURES

► Good choice for beginners on STEAM learning.

## #T198 Gigo SENIOR BLOCK

5  
activities  
19 PCS

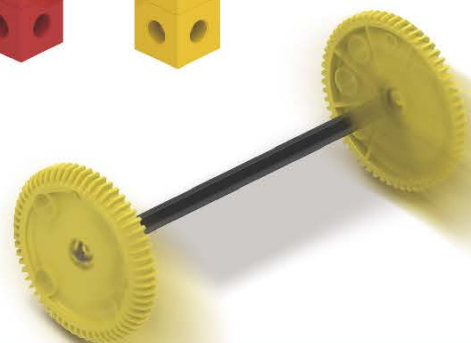


**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 130×180×100 mm

60 sets/2.56 cuft/7.14 kgs  
648×339×330 mm

### FEATURES

► Sharpen your focus with brain boosting activities.







## #T216 YEAR OF THE RABBIT



4  
models  
74 PCS



### FEATURES

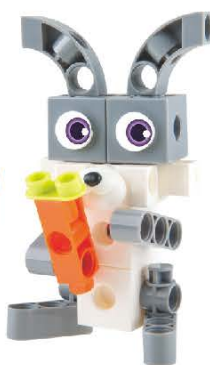
- Learn about fundamental mechanisms like the wheel and axle. Discover why center of gravity matters while you build cute models.
- Add stickers to bring your models to life.
- Enjoy STEAM learning by making fun and useful Rabbit related models. Have fun with the Rabbit-racer, build a phone or tablet holder, make a useful rabbit hook, or experiment with your posable rabbit.
- Examine and explore the physical characteristics and structure of rabbits by observing and building.

**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 250×130×80 mm

30 sets/3.12 cuft/6.85 kgs

509×421×412 mm

## #T217 HAPPY RABBIT



3  
models  
31 PCS



### FEATURES

- Learn design and building skills like balance and center of gravity by assembling the cute models.
- Add the new stickers and components that bring the models to life.
- Bring STEAM principles into your everyday life by making fun and useful models. Build a phone holder, hook, or posable rabbit munching on a carrot.
- Cultivate an understanding of 3D design by assembling and redesigning your models.

**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 140×130×50 mm

60 sets/2.35 cuft/5.32 kgs

527×412×306 mm

## #T204 BIRDIE



250 sets/2.47 cuft/15.43 kgs



691×370×273 mm

**SERIES:** Creative Gift  
**Age:** 3+  
**Item Size:** 135×50×35 mm

7  
models  
21 PCS



YOUTUBE



### FEATURES

- Simple blocks can make a huge difference.

Combine 7 kits to build the eagle and the chicks!

Combine 4 kits to build the owl!



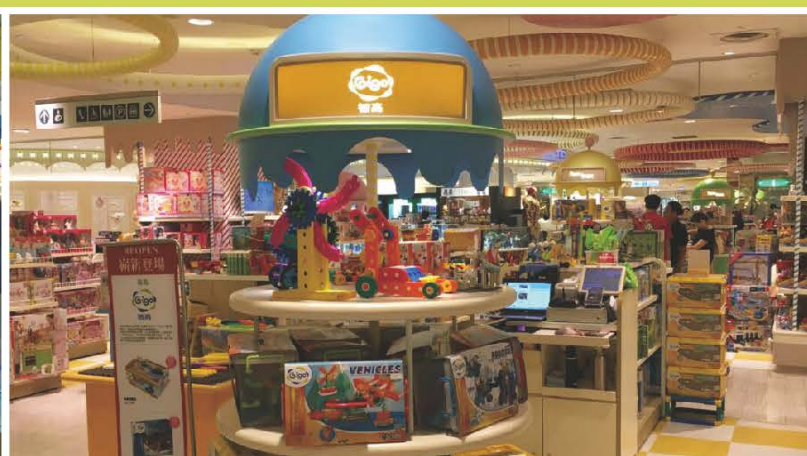


## Gigo Science Camp

The Taiwan originated brand Gigo starts from patented invention of 1-peg-5-hole (2cm) cube, which is the footstone with best constructional genes and is extended into various Gigo block systems (A/B/C/D/E/F blocks) that are interchangeable through converters. "Engage learning to toys, and make learning fun" is Gigo philosophy since the foundation year 1976, giving the privilege to create product series with fun learning experiences and proved its popularity in Asia, America and Europe.



## 科學大衛營 Gigo SCIENCE CAMP



Gigo Science Camp acts more than just a vending channel; it also functions as a hands-on experiencing bar for children to stimulate their gifts and for parents to find matching products home. Well-trained staff is always there to answer questions and guide the way of learning through playing.

Gigo Science Camp also provides Gigo Creative Class that allows different ages to join for fun learning and enjoy new challenges.





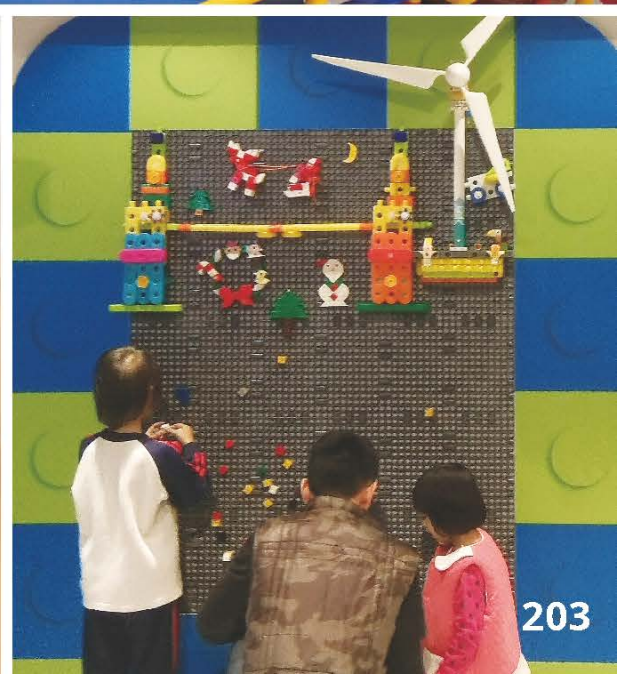
## Patented Gigo blocks enable variations more than you can imagine

Interactions between mentors and peers are emphasized through the whole process.

Such delightful learning atmosphere encourages children's creativity abilities from imitation to innovation.

The biggest feature of Gigo blocks is "all parts are interchangeable", which allows children to build any models out of their imagination.

Children gains a sense of achievement by completing their own masterpieces and bringing these masterpieces home to share joy with their parents, siblings and friends.





# COMPONENTS



## Gigo Tree



Gigo Tree Product Tutorial



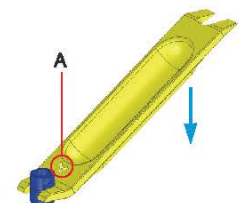
Long & Short Pegs can connect B Block and C Block system components.



2CM Cube Pegs can connect A Block and B Block system components.



Use the Peg Remover to remove connected parts.



1+ A BLOCK-4CM BLOCK



7+ C BLOCK-1CM BLOCK



1+ E BLOCK-PANEL



6+ H BLOCK-SPRUE FRAME



3+ B BLOCK-2CM BLOCK



7+ D BLOCK-X GEO



7+ F BLOCK-ULTRA LIGHT



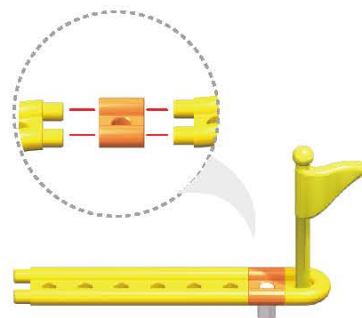


## A BLOCK-4CM BLOCK-71 PCS

Total 621cs

### BASIC

Used for all model construction, can be easily put together with connectors to develop creativity.



001	<b>1A</b>	<b>7330-W11-E1R</b>
NAME	3 HOLE ROUND ROD	
MATERIAL	PE	
SIZE	140*40*20 MM	



002	<b>2A</b>	<b>7330-W11-D1B</b>
NAME	5 HOLE ROUND ROD	
MATERIAL	PE	
SIZE	220*40*20 MM	



003	<b>3A</b>	<b>7330-W11-W1B</b>
NAME	TRIANGLE FRAME	
MATERIAL	PE	
SIZE	120*80*20 MM	



004	<b>4A</b>	<b>7330-W11-H1G</b>
NAME	2 HOLE ROD	
MATERIAL	PE	
SIZE	116*40*20 MM	



005	<b>5A</b>	<b>7330-W11-I1G</b>
NAME	4 HOLE ROD	
MATERIAL	PE	
SIZE	195*40*20 MM	



006	<b>6A</b>	<b>7330-W11-J1P</b>
NAME	4 HOLE BENDED ROD	
MATERIAL	PE	
SIZE	175*40*20 MM	



007	<b>7A</b>	<b>7330-W11-C1W</b>
NAME	2x3 HOLE BASE	
MATERIAL	PE	
SIZE	150*80*20 MM	



008	<b>8A</b>	<b>8060-W11-F1Y</b>
NAME	3x4 FRAME	
MATERIAL	PE	
SIZE	215*120*20 MM	



009	<b>9A</b>	<b>7078-W10-A1G</b>
NAME	BASE GRID	
MATERIAL	PP	
SIZE	200*200*20 MM	



010	<b>10A</b>	<b>7330-W11-N1Y</b>
NAME	SLIDE TRACK	
MATERIAL	PE	
SIZE	165*60*40 MM	



011	<b>11A</b>	<b>7330-W11-L1Y</b>
NAME	CURVED TRACK	
MATERIAL	PE	
SIZE	265*60*40 MM	



012	<b>12A</b>	<b>7330-W11-K1Y</b>
NAME	6 HOLE TRACK	
MATERIAL	PE	
SIZE	275*40*20 MM	



013	<b>13A</b>	<b>7269-W10-A1B</b>
NAME	HULL A	
MATERIAL	PP	
SIZE	110*120*60MM	



014	<b>14A</b>	<b>7269-W10-A2B</b>
NAME	HULL B	
MATERIAL	PP	
SIZE	80*120*60MM	

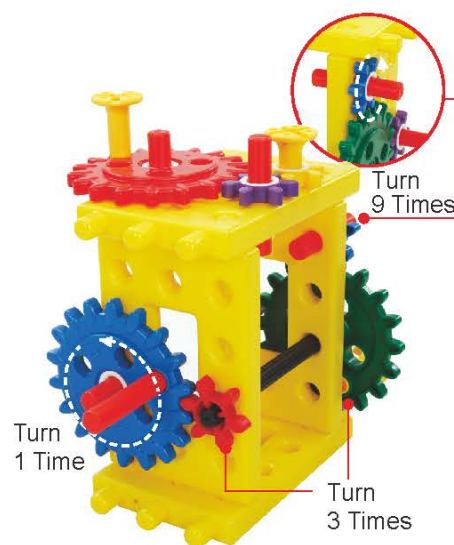


015	<b>15A</b>	<b>7269-W10-B1B</b>
NAME	HULL C	
MATERIAL	PP	
SIZE	80*120*60MM	



# COMPONENTS

## DRIVE



016 **16A** 7331-W11-N1R

NAME 30mm CONNECTOR  
MATERIAL PE  
SIZE (L\*W\*H) 30\*15\*16 MM



017 **17A** 7268-W11-B1T

NAME 40mm CONNECTOR  
MATERIAL PE  
SIZE (L\*W\*H) 40\*15\*16MM



018 **18A** 7330-W11-X1W

NAME 60mm CONNECTOR  
MATERIAL PE  
SIZE (L\*W\*H) 60\*15\*16 MM



019 **19A** 7330-W11-A1R

NAME 80mm CONNECTOR  
MATERIAL PE  
SIZE (L\*W\*H) 80\*15\*16 MM



020 **20A** 7330-W11-B1G

NAME 160mm CONNECTOR  
MATERIAL PE  
SIZE (L\*W\*H) 160\*15\*16 MM



021 **21A** 8036-W85-C1D

NAME OD50 WHEEL  
MATERIAL HIPS  
SIZE (L\*W\*H) 50\*50\*20 MM



022 **22A** 8036-W85-I1B

NAME OD70 WHEEL  
MATERIAL HIPS  
SIZE (L\*W\*H) 70\*70\*20 MM



023 **23A** 7268-W10-D1B

NAME OD92 WHEEL  
MATERIAL HIPS  
SIZE (L\*W\*H) 80\*80\*20MM



024 **24A** 7268-W10-E1D

NAME OD92 TIRE  
MATERIAL TPR  
SIZE (L\*W\*H) 90\*90\*20MM



025 **25A** 7331-W85-L1B

NAME 6T GEAR WITH ADAPTER  
MATERIAL HIPS  
SIZE (L\*W\*H) 50\*50\*15 MM



026 **26A** 8060-W85-A1B

NAME 18T GEAR WITH ADAPTER  
MATERIAL HIPS  
SIZE (L\*W\*H) 130\*130\*15 MM



027 **27A** 7331-W10-L2R

NAME 6T GEAR  
MATERIAL HIPS  
SIZE (L\*W\*H) 50\*50\*15 MM



028 **28A** 8060-W10-A2B

NAME 18T GEAR  
MATERIAL HIPS  
SIZE (L\*W\*H) 130\*130\*15 MM



029 **29A** 8060-W11-G1D

NAME 60mm AXLE III  
MATERIAL PE  
SIZE (L\*W\*H) 58\*20\*20 MM



030 **30A** 7268-W11-A1D

NAME 110mm AXLE I  
MATERIAL PE  
SIZE (L\*W\*H) 110\*15\*15MM



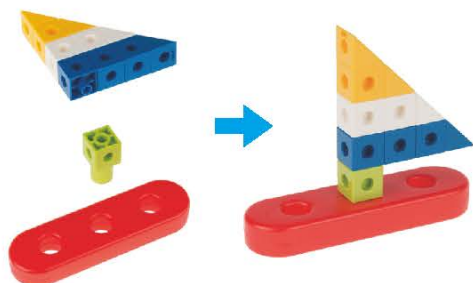
031 **31A** 8060-W11-H1D

NAME 180mm AXLE III  
MATERIAL PE  
SIZE (L\*W\*H) 178\*20\*20 MM



## CONNECTION

Fix parts easily to make building big models possible.



032	<b>32A</b>	<b>7268-W10-C10</b>
NAME	AXLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*40MM	



033	<b>33A</b>	<b>7331-W10-M1G</b>
NAME	LATERAL PEG	
MATERIAL	ABS	
SIZE (L*W*H)	38*20*20 MM	



034	<b>34A</b>	<b>7413-W10-V1G</b>
NAME	FRONT PEG	
MATERIAL	ABS	
SIZE (L*W*H)	38*20*20 MM	



035	<b>35A</b>	<b>7331-W10-D3G</b>
NAME	2cm CUBE PEG	
MATERIAL	ABS	
SIZE (L*W*H)	38*20*20 MM	



036	<b>36A</b>	<b>8036-W10-T1Y</b>
NAME	NAIL	
MATERIAL	HIPS	
SIZE (L*W*H)	57*37*37MM	



037	<b>37A</b>	<b>8036-W10-U1Y</b>
NAME	SCREW	
MATERIAL	HIPS	
SIZE (L*W*H)	75*40*35MM	



038	<b>38A</b>	<b>8036-W10-W1B</b>
NAME	NUT	
MATERIAL	HIPS	
SIZE (L*W*H)	40*32*18MM	



039	<b>39A</b>	<b>8060-W85-D1Y</b>
NAME	PEG ROD	
MATERIAL	HIPS	
SIZE (L*W*H)	120*50*20MM	



040	<b>40A</b>	<b>8060-W85-D2Y</b>
NAME	ROD	
MATERIAL	HIPS	
SIZE (L*W*H)	120*30*20MM	



041	<b>41A</b>	<b>7331-W10-E10</b>
NAME	ROD CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	40*40*20MM	



042	<b>42A</b>	<b>7331-W10-A10</b>
NAME	TRACK CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	60*40*20MM	



043	<b>43A</b>	<b>7331-W10-B10</b>
NAME	CURVED TRACK CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	95*60*20MM	



044	<b>44A</b>	<b>7330-W11-O1Y</b>
NAME	1 HOLE TRACK	
MATERIAL	PE	
SIZE (L*W*H)	95*75*20MM	



045	<b>45A</b>	<b>7331-W10-C1B</b>
NAME	ROUND FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	135*100*20MM	



046	<b>46A</b>	<b>7331-W10-F1W</b>
NAME	TRACK HOLDER	
MATERIAL	ABS	
SIZE (L*W*H)	40*35*35 MM	



047	<b>47A</b>	<b>7261-W11-D1B</b>
NAME	Y SHAPE AXIS	
MATERIAL	PE	
SIZE (L*W*H)	82*90*20 MM	



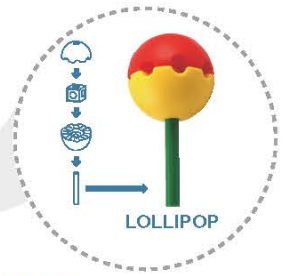
048	<b>48A</b>	<b>7261-W85-B</b>
NAME	CONNECTOR BASE	
MATERIAL	PP	
SIZE (L*W*H)	52*36*28MM	



# COMPONENTS

## DECORATION

Used as decoration to make the model more realistic.



049 **49A** 8036-W85-S1B1

NAME	TRIANGLE
MATERIAL	HIPS
SIZE (L*W*H)	55*40*38 MM



050 **50A** 8036-W85-V1Y

NAME	CUBE
MATERIAL	HIPS
SIZE (L*W*H)	40*40*40 MM



051 **51A** 8060-W11-E1Y

NAME	HEMISPHERE
MATERIAL	PE
SIZE (L*W*H)	95*95*50 MM



052 **52A** 7261-W85-A

NAME	EYE
MATERIAL	ABS
SIZE (L*W*H)	40*45*45 MM



053 **53A** 7330-W11-V10

NAME	ARC FLAT PEG
MATERIAL	PE
SIZE (L*W*H)	80*45*20 MM



054 **54A** 7330-W11-P1Y

NAME	TRACK END
MATERIAL	PE
SIZE (L*W*H)	70*60*20 MM



055 **55A** 7331-W10-H1P

NAME	WALL
MATERIAL	ABS
SIZE (L*W*H)	120*80*50 MM



056 **56A** 7331-W10-H2P

NAME	CURVED WALL
MATERIAL	ABS
SIZE (L*W*H)	190*80*40 MM



057 **57A** 7331-W10-F2W

NAME	BUTTON FIXER
MATERIAL	ABS
SIZE (L*W*H)	25*25*15 MM



058 **58A** 7330-W11-U1G

NAME	ARC TRIANGLE FLAT PEG
MATERIAL	PE
SIZE (L*W*H)	80*60*20 MM



059 **59A** 1177-W10-D1B

NAME	SQUARE GEO BLOCK
MATERIAL	ABS
SIZE (L*W*H)	40*40*35 MM



060 **60A** 1177-W10-D3B

NAME	TRIANGLE GEO BLOCK
MATERIAL	ABS
SIZE (L*W*H)	37*37*35 MM



061 **61A** 1177-W10-D2B

NAME	CONVEX GEO BLOCK
MATERIAL	ABS
SIZE (L*W*H)	50*40*35 MM



062 **62A** 1177-W10-D4B

NAME	CIRCLE GEO BLOCK
MATERIAL	ABS
SIZE (L*W*H)	40*40*35 MM







## TOOL



063	<b>63A</b>	<b>8036-W11-J1G</b>
NAME	HAMMER	
MATERIAL	PE	
SIZE (L*W*H)	175*70*40 MM	



064	<b>64A</b>	<b>8036-W11-G1B</b>
NAME	WRENCH	
MATERIAL	PE	
SIZE (L*W*H)	160*60*15 MM	



065	<b>65A</b>	<b>8036-W11-D1P</b>
NAME	SCREWDRIVER	
MATERIAL	PE	
SIZE (L*W*H)	180*35*35 MM	



066	<b>66A</b>	<b>8036-W85-E1O</b>
NAME	PLIERS	
MATERIAL	PE	
SIZE (L*W*H)	175*50*20 MM	



067	<b>67A</b>	<b>7330-W11-ZA1G</b>
NAME	FLAG	
MATERIAL	PE	
SIZE (L*W*H)	200*80*25 MM	



068	<b>68A</b>	<b>7330-W11-M1B</b>
NAME	40mm BALL	
MATERIAL	PE	
SIZE (L*W*H)	40*40*40 MM	



069	<b>69A</b>	<b>7330-W11-M2W</b>
NAME	40mm FOOT BALL	
MATERIAL	PE	
SIZE (L*W*H)	40*40*40 MM	



070	<b>70A</b>	<b>7330-W11-Q1B</b>
NAME	50mm BALL	
MATERIAL	PE	
SIZE (L*W*H)	50*50*50 MM	

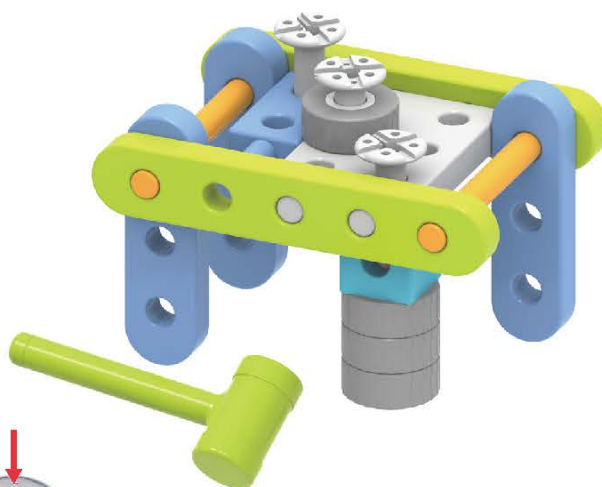


071	<b>71A</b>	<b>7331-W85-G1</b>
NAME	CAPSULE BALL	
MATERIAL	ABS	
SIZE (L*W*H)	58*58*58 MM	

COUNTERCLOCKWISE



CLOCKWISE



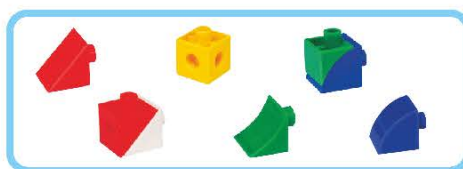


# COMPONENTS

## B BLOCK-2CM BLOCK-33 PCS

### BASIC

Used for all model construction, can be easily put together with connectors to develop creativity.



072	<b>1B</b>	<b>880-W10-A1G</b>
NAME	CUBE	
MATERIAL	ABS	
SIZE (L*W*H)	25*20*20 MM	



073	<b>2B</b>	<b>880-W10-N1G</b>
NAME	6 HOLE CUBE	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*20 MM	



074	<b>3B</b>	<b>880-W10-S1G</b>
NAME	TRIANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	25*20*20 MM	



075	<b>4B</b>	<b>880-W10-R1G</b>
NAME	CONVEX	
MATERIAL	ABS	
SIZE (L*W*H)	25*20*20 MM	



076	<b>5B</b>	<b>880-W10-D1G</b>
NAME	CONCAVE	
MATERIAL	ABS	
SIZE (L*W*H)	25*20*20 MM	



077	<b>6B</b>	<b>7344-W10-C2R</b>
NAME	SHORT PEG	
MATERIAL	ABS	
SIZE (L*W*H)	10*8*8 MM	



078	<b>7B</b>	<b>7128-W10-B1B</b>
NAME	3 HOLE CUBE	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*20 MM	



079	<b>8B</b>	<b>7128-W10-A1O</b>
NAME	FLAT CUBE	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*10 MM	



080	<b>9B</b>	<b>7128-W10-A2O</b>
NAME	FLAT TRIANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*10 MM	



081	<b>10B</b>	<b>7128-W85-C1SK</b>
NAME	JOINT	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*20 MM	



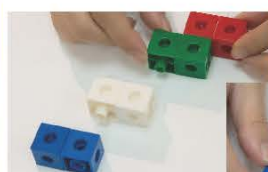
082	<b>11B</b>	<b>880-W85-B1R</b>
NAME	20T GEAR WITH AXLE	
MATERIAL	ABS+POM	
SIZE (L*W*H)	22*22*18 MM	



083	<b>12B</b>	<b>880-W85-C1B</b>
NAME	40T GEAR WITH AXLE	
MATERIAL	ABS+POM	
SIZE (L*W*H)	40*40*18 MM	



084	<b>13B</b>	<b>880-W85-D1Y</b>
NAME	60T GEAR WITH AXLE	
MATERIAL	ABS+POM	
SIZE (L*W*H)	60*60*18 MM	



8 blocks



Form them into ladder shape



Transform to a big Cube!



Turn into a rectangle

### Gigo 3 FOUNDATIONS-1



## DECORATION

Used as decoration to make the model more realistic.



085 **14B** 7128-W10-E5B

NAME	CAP
MATERIAL	ABS
SIZE (L*W*H)	30*20*15 MM



086 **15B** 7128-W10-H2D

NAME	HAIR
MATERIAL	TPR
SIZE (L*W*H)	35*35*30 MM



087 **16B** 7128-W10-D5D

NAME	COILS
MATERIAL	ABS
SIZE (L*W*H)	20*20*15 MM



088 **17B** 7128-W22-1

NAME	EYE-1
MATERIAL	ABS
SIZE (L*W*H)	12*12*8 MM



089 **18B** 7128-W22-2

NAME	EYE-2
MATERIAL	ABS
SIZE (L*W*H)	12*12*8 MM



090 **19B** 7128-W10-E1B

NAME	GLOBAL PIECE
MATERIAL	ABS
SIZE (L*W*H)	10*10*15 MM



091 **20B** 7128-W10-E2B

NAME	CONICAL PIECE
MATERIAL	ABS
SIZE (L*W*H)	10*10*15 MM



092 **21B** 7128-W10-E3B

NAME	3-SIDED PYRAMID PIECE
MATERIAL	ABS
SIZE (L*W*H)	19*12*19 MM



093 **22B** 7128-W10-E4B

NAME	4-SIDED PYRAMID PIECE
MATERIAL	ABS
SIZE (L*W*H)	20*15*10 MM



094 **23B** 7128-W10-F1B

NAME	LEFT HAND
MATERIAL	ABS
SIZE (L*W*H)	32*22*10 MM





# COMPONENTS



095	<b>24B</b>	<b>7128-W10-F2B</b>
NAME	RIGHT HAND	
MATERIAL	ABS	
SIZE (L*W*H)	32*22*10 MM	



096	<b>25B</b>	<b>7128-W10-G1B</b>
NAME	HORN PIECE	
MATERIAL	PP	
SIZE (L*W*H)	18*20*12 MM	



097	<b>26B</b>	<b>7182-W10-A1B</b>
NAME	POLYGON PIECE	
MATERIAL	ABS	
SIZE (L*W*H)	56*19*19 MM	



098	<b>27B</b>	<b>7128-W85-D1D</b>
NAME	LEGS	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*15 MM	



099	<b>28B</b>	<b>7128-W85-D6</b>
NAME	NOSE	
MATERIAL	ABS	
SIZE (L*W*H)	18*14*12 MM	



100	<b>29B</b>	<b>880-W85-Q1D</b>
NAME	WHEEL WITH AXLE	
MATERIAL	ABS+POM	
SIZE (L*W*H)	44*44*15 MM	



101	<b>30B</b>	<b>7061-W10-B1Y</b>
NAME	PEG REMOVER	
MATERIAL	POM	
SIZE (L*W*H)	92*18*10 MM	



102	<b>31B</b>	<b>7061-W10-M2D</b>
NAME	FOOT	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



103	<b>32B</b>	<b>7061-W10-M1D</b>
NAME	PALM	
MATERIAL	ABS	
SIZE (L*W*H)	15*10*10 MM	



104	<b>33B</b>	<b>7430-W10-A1TG</b>
NAME	CRYSTAL PIECE	
MATERIAL	PMMA	
SIZE (L*W*H)	13*13*16 MM	

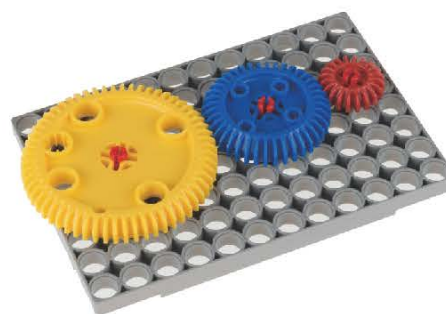


You can use patented peg remover to extract the peg easily.



## C BLOCK-1CM BLOCK-388 PCS

## TRANSMISSION



105	<b>1C</b>	<b>7026-W10-D2R</b>
NAME	20T GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	22*22*8 MM	



106	<b>2C</b>	<b>7346-W10-C1B</b>
NAME	40T GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	42*42*8 MM	



107	<b>3C</b>	<b>7408-W10-D1G</b>
NAME	40T SPINDLE GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	42*42*9 MM	



108	<b>4C</b>	<b>7408-W10-D2YG</b>
NAME	40T GEAR WITH HOLE	
MATERIAL	ABS	
SIZE (L*W*H)	42*42*9 MM	



109	<b>5C</b>	<b>7026-W10-W5Y</b>
NAME	60T GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	62*62*8 MM	



110	<b>6C</b>	<b>7328-W10-G2O</b>
NAME	80T GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	82*82*8 MM	



111	<b>7C</b>	<b>7026-W10-G1P</b>
NAME	160T GEAR	
MATERIAL	HIPS	
SIZE (L*W*H)	160*160*10 MM	



112	<b>8C</b>	<b>7427-W10-E1P</b>
NAME	NONCIRCULAR GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	22*22*10 MM	



113	<b>9C</b>	<b>7026-W10-J1R</b>
NAME	160T GEAR ADAPTER	
MATERIAL	ABS	
SIZE (L*W*H)	33*25*4 MM	



114	<b>10C</b>	<b>3569-W10-D2S1</b>
NAME	10T CHAIN GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	25*25*12 MM	



115	<b>11C</b>	<b>3569-W10-D1S1</b>
NAME	20T CHAIN GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	45*45*12 MM	



116	<b>12C</b>	<b>3569-W10-C1S1</b>
NAME	30T CHAIN GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	65*65*12 MM	



117	<b>13C</b>	<b>3569-W10-B1D</b>
NAME	CHAIN	
MATERIAL	POM	
SIZE (L*W*H)	12*10*3 MM	



118	<b>14C</b>	<b>7344-W10-N3Y</b>
NAME	OD23mm PULLEY	
MATERIAL	ABS	
SIZE (L*W*H)	23*23*8 MM	



119	<b>15C</b>	<b>7344-W10-N2Y</b>
NAME	OD33mm PULLEY	
MATERIAL	ABS	
SIZE (L*W*H)	33*33*8 MM	



# COMPONENTS



120	<b>16C</b>	<b>7344-W10-N1Y</b>
NAME	OD53mm PULLEY	
MATERIAL	ABS	
SIZE (L*W*H)	53*53*8 MM	



121	<b>17C</b>	<b>R12-08S</b>
NAME	OD26 O-RING	
MATERIAL	SILICONE	
SIZE (L*W*H)	26*26*4 MM	



122	<b>18C</b>	<b>R12-07S</b>
NAME	OD36 O-RING	
MATERIAL	SILICONE	
SIZE (L*W*H)	37*37*4 MM	



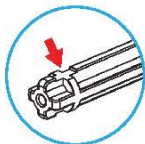
123	<b>19C</b>	<b>R12-09S</b>
NAME	OD56 O-RING	
MATERIAL	SILICONE	
SIZE (L*W*H)	56*56*4 MM	



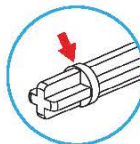
124	<b>20C</b>	<b>1243-W10-A1S</b>
NAME	GENEVA DRIVEN WHEEL	
MATERIAL	ABS	
SIZE (L*W*H)	55*55*10 MM	



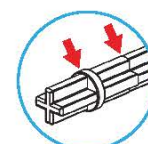
125	<b>21C</b>	<b>1243-W10-A2S</b>
NAME	GENEVA DRIVE WHEEL	
MATERIAL	ABS	
SIZE (L*W*H)	52*40*10 MM	



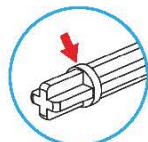
126	<b>22C</b>	<b>7026-W10-L1W</b>
NAME	MOTOR AXLE	
MATERIAL	ABS	
SIZE (L*W*H)	27*8*8 MM	



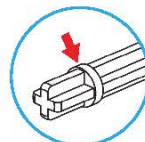
127	<b>23C</b>	<b>7413-W10-N1D</b>
NAME	30mm AXLE II	
MATERIAL	ABS	
SIZE (L*W*H)	30*8*8 MM	



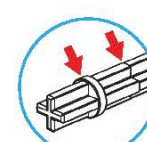
128	<b>24C</b>	<b>7061-W10-A1D</b>
NAME	30mm AXLE III	
MATERIAL	ABS	
SIZE (L*W*H)	30*8*8 MM	



129	<b>25C</b>	<b>7413-W10-O1D</b>
NAME	35mm AXLE II	
MATERIAL	ABS	
SIZE (L*W*H)	35*8*8 MM	



130	<b>26C</b>	<b>7413-W10-M1D</b>
NAME	60mm AXLE II	
MATERIAL	ABS	
SIZE (L*W*H)	60*8*8 MM	

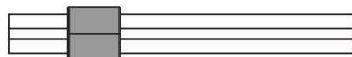
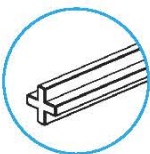


131	<b>27C</b>	<b>9060-W10-B1D</b>
NAME	60mm AXLE III	
MATERIAL	ABS	
SIZE (L*W*H)	60*8*8 MM	



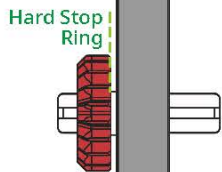
# Gigo Axle

## AXLE I



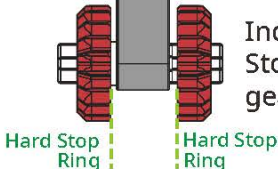
Standard Axle, no ring, no marker.

## AXLE II

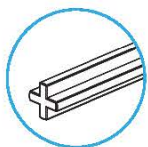


Hard Stop Ring prevents over-tightening of gears and wheels so that friction does not interfere with movement.

## AXLE III

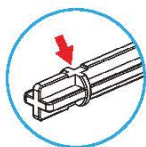


Includes Hard Stop Ring, and a secondary Soft Stop Indicator showing the optimal spacing for gears and wheels that will reduce friction.



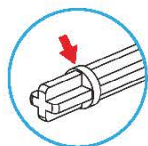
132 **28C** 7416-W10-C1D

NAME 65mm AXLE I  
MATERIAL ABS  
SIZE (L\*W\*H) 65\*8\*8 MM



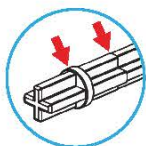
133 **29C** 7061-W10-Q2D

NAME 70mm AXLE II  
MATERIAL ABS  
SIZE (L\*W\*H) 70\*8\*8 MM



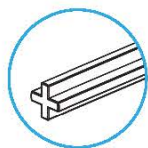
134 **30C** 7413-W10-L2D

NAME 100mm AXLE II  
MATERIAL ABS  
SIZE (L\*W\*H) 100\*8\*8 MM



135 **31C** 7413-W10-L1D

NAME 100mm AXLE III  
MATERIAL ABS  
SIZE (L\*W\*H) 100\*8\*8 MM



136 **32C** 7026-W10-P1D

NAME 150mm AXLE I  
MATERIAL ABS  
SIZE (L\*W\*H) 150\*8\*8 MM



137 **33C** 7061-W10-S2D

NAME DUAL AXLE END  
MATERIAL ABS  
SIZE (L\*W\*H) 10\*8\*8 MM



138 **34C** M10#7061

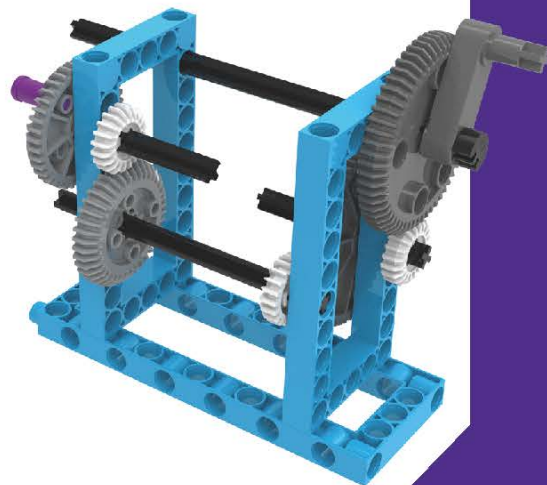
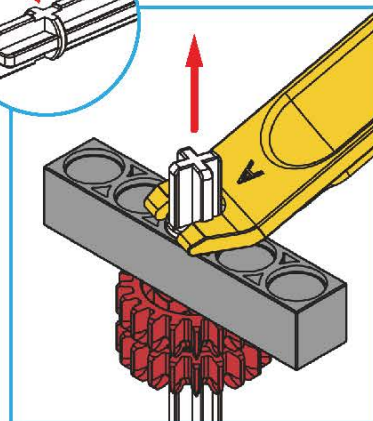
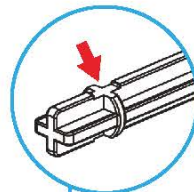
NAME DUAL AXLE CORE  
MATERIAL STEEL PLATED  
SIZE (L\*W\*H) 56\*2\*2 MM



139 **35C** 7061-W10-S3D

NAME DUAL AXLE BODY  
MATERIAL ABS  
SIZE (L\*W\*H) 40\*8\*8 MM

Pry out the axle using the Peg Remover.





# COMPONENTS

## BASIC

Used for all model construction, can be easily put together with connectors to develop creativity.



140	<b>36C</b>	<b>3620-W10-A1D</b>
NAME	AXLE FIXING	
MATERIAL	TPR	
SIZE (L*W*H)	12*10*5 MM	



141	<b>37C</b>	<b>7410-W10-C1S</b>
NAME	KNUCKLE FOR AXLE	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



142	<b>38C</b>	<b>7026-W10-L2W</b>
NAME	ROD CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	28*25*18 MM	



143	<b>39C</b>	<b>7061-W10-Y1W</b>
NAME	FRONT CONVERTER	
MATERIAL	ABS	
SIZE (L*W*H)	20*12*10 MM	



144	<b>40C</b>	<b>7061-W10-X1W</b>
NAME	LATERAL CONVERTER	
MATERIAL	ABS	
SIZE (L*W*H)	20*12*10 MM	



145	<b>41C</b>	<b>7430-W10-B1D</b>
NAME	1 HOLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



146	<b>42C</b>	<b>7432-W10-B1W</b>
NAME	HALF HEXAGON CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	27*10*10 MM	



147	<b>43C</b>	<b>7026-W10-Q2W</b>
NAME	3 HOLE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	30*10*10 MM	



148	<b>44C</b>	<b>7026-W10-X1W</b>
NAME	3 HOLE ROD FRONT CLOSED	
MATERIAL	ABS	
SIZE (L*W*H)	30*10*10 MM	



149	<b>45C</b>	<b>7413-W10-Y1W</b>
NAME	3 HOLE DUAL ROD	
MATERIAL	ABS	
SIZE (L*W*H)	35*10*10 MM	



150	<b>46C</b>	<b>7061-W10-V1W</b>
NAME	BENDED ROD	
MATERIAL	ABS	
SIZE (L*W*H)	40*15*10 MM	



151	<b>47C</b>	<b>3941-W10-C1W</b>
NAME	BENDED ARCH ROD	
MATERIAL	ABS	
SIZE (L*W*H)	40*15*10 MM	



152	<b>48C</b>	<b>7404-W10-C1W</b>
NAME	3 HOLE ROUND ROD	
MATERIAL	ABS	
SIZE (L*W*H)	30*10*10 MM	



153	<b>49C</b>	<b>7452-W10-C1SK</b>
NAME	WEIGHT HOUSING	
MATERIAL	ABS	
SIZE (L*W*H)	50*23*21MM	



154	<b>50C</b>	<b>7061-W10-T1D</b>
NAME	50mm RACK	
MATERIAL	ABS	
SIZE (L*W*H)	55*16*10 MM	



155	<b>51C</b>	<b>7413-W10-K2W</b>
NAME	5 HOLE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	50*10*10 MM	



156	<b>52C</b>	<b>7413-W10-R1W</b>
NAME	5 HOLE ROD FRONT CLOSED	
MATERIAL	ABS	
SIZE (L*W*H)	50*10*10 MM	



157	<b>53C</b>	<b>7413-W10-W1W</b>
NAME	5 HOLE DUAL ROD BOTTOM CLOSED	
MATERIAL	ABS	
SIZE (L*W*H)	55*10*10 MM	





158	<b>54C</b>	<b>7413-W10-X1W</b>
NAME	5 HOLE DUAL ROD	
MATERIAL	ABS	
SIZE (L*W*H)	55*10*10 MM	



159	<b>55C</b>	<b>7443-W10-C1S</b>
NAME	5 HOLE WIDE PROLATE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	50*10*5 MM	



160	<b>56C</b>	<b>7443-W10-C2S</b>
NAME	5 HOLE WIDE PROLATE ROD FOR AXLE	
MATERIAL	ABS	
SIZE (L*W*H)	50*10*5 MM	



161	<b>57C</b>	<b>7432-W10-A1W</b>
NAME	5 HOLE FLEXIBLE ROD	
MATERIAL	PE	
SIZE (L*W*H)	90*10*5 MM	



162	<b>58C</b>	<b>7427-W10-D1S</b>
NAME	5 HOLE ARCH ROD	
MATERIAL	ABS	
SIZE (L*W*H)	50*10*10 MM	



163	<b>59C</b>	<b>7406-W10-B2G</b>
NAME	5 HOLE L SHAPE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	50*20*10 MM	



164	<b>60C</b>	<b>7427-W10-D2S</b>
NAME	6 HOLE ARCH ROD	
MATERIAL	ABS	
SIZE (L*W*H)	60*10*10 MM	



165	<b>61C</b>	<b>7404-W10-C2W</b>
NAME	7 HOLE ROUND ROD	
MATERIAL	ABS	
SIZE (L*W*H)	70*10*10 MM	



166	<b>62C</b>	<b>7404-W10-C3W</b>
NAME	7 HOLE WIDE PROLATE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	70*10*5 MM	



167	<b>63C</b>	<b>7362-W10-D1W</b>
NAME	7 HOLE FLAT PROLATE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	72*12*3.5 MM	



168	<b>64C</b>	<b>7432-W10-A2W</b>
NAME	7 HOLE FLEXIBLE ROD	
MATERIAL	PE	
SIZE (L*W*H)	130*10*5 MM	



169	<b>65C</b>	<b>7427-W10-C1S</b>
NAME	7 HOLE 120° ARCH ELBOW, LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	53*27*10 MM	



170	<b>66C</b>	<b>7427-W10-C2S</b>
NAME	7 HOLE 120° ARCH ELBOW, RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	53*27*10 MM	



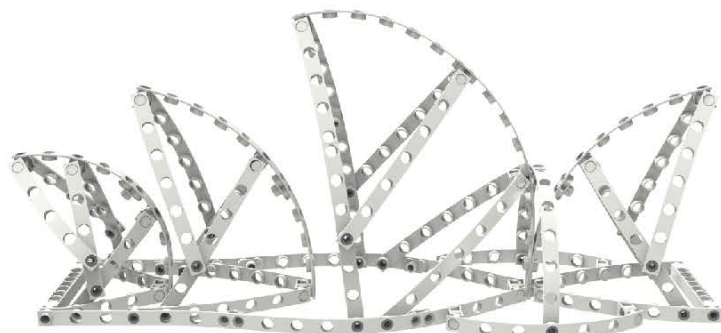
171	<b>67C</b>	<b>7066-W10-C1S</b>
NAME	C-5X3 L-ROD, RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	50*30*30 MM	



172	<b>68C</b>	<b>7066-W10-C2S</b>
NAME	C-5X3 L-ROD, LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	50*30*30 MM	



173	<b>69C</b>	<b>7407-W10-C1D</b>
NAME	9 HOLE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	90*10*10 MM	





# COMPONENTS



174	<b>70C</b>	<b>7427-W10-B1S</b>
NAME	10 HOLE 60° ARCH ELBOW, LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	70*27*10 MM	



175	<b>71C</b>	<b>7427-W10-B2S</b>
NAME	10 HOLE 60° ARCH ELBOW, RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	70*27*10 MM	



176	<b>72C</b>	<b>7413-W10-P1W</b>
NAME	11 HOLE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	110*10*10 MM	



177	<b>73C</b>	<b>7362-W10-D2W</b>
NAME	11 HOLE FLAT PROLATE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	112*12*3.5 MM	



178	<b>74C</b>	<b>7401-W10-A1W</b>
NAME	13 HOLE CURVED PROLATE ROD	
MATERIAL	ABS	
SIZE (L*W*H)	153*31*5 MM	



179	<b>75C</b>	<b>7413-W10-Z1W</b>
NAME	15 HOLE DUAL ROD	
MATERIAL	ABS	
SIZE (L*W*H)	155*10*10 MM	



180	<b>76C</b>	<b>7061-W10-T2D</b>
NAME	150mm RACK	
MATERIAL	ABS	
SIZE (L*W*H)	155*16*10 MM	



181	<b>77C</b>	<b>7406-W10-B1G</b>
NAME	BOLT ROD WITH PINS	
MATERIAL	ABS	
SIZE (L*W*H)	30*20*10 MM	



182	<b>78C</b>	<b>7413-W10-Q1W</b>
NAME	5x5 FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	55*50*10 MM	



183	<b>79C</b>	<b>7411-W10-F1W</b>
NAME	5x5 ARCH FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	55*50*10 MM	



184	<b>80C</b>	<b>7406-W10-A1D</b>
NAME	3x13 DUAL FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	135*30*10 MM	



185	<b>81C</b>	<b>7413-W10-I1W</b>
NAME	5x10 FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	110*50*10 MM	



186	<b>82C</b>	<b>7411-W10-E1W1</b>
NAME	5x10 ARCH FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	105*50*10 MM	



187	<b>83C</b>	<b>7061-W10-U1W</b>
NAME	5x13 DUAL FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	135*50*10 MM	



188	<b>84C</b>	<b>7413-W10-J1W</b>
NAME	5x15 FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	155*50*10 MM	



189	<b>85C</b>	<b>7061-W10-L1SK</b>
NAME	TRAPEZIUM FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	30*30*10 MM	



190	<b>86C</b>	<b>7401-W10-B1W</b>
NAME	FRONT FORK	
MATERIAL	ABS	
SIZE (L*W*H)	55*20*10 MM	



191	<b>87C</b>	<b>7422-W10-A1G</b>
NAME	U SHAPE BRACKET	
MATERIAL	ABS	
SIZE (L*W*H)	45*20*10 MM	





192	<b>88C</b>	<b>7397-W10-C1G</b>
NAME	VIBRO LEFT LEG	
MATERIAL	ABS	
SIZE (L*W*H)	105*45*25 MM	



193	<b>89C</b>	<b>7397-W10-C2G</b>
NAME	VIBRO RIGHT LEG	
MATERIAL	ABS	
SIZE (L*W*H)	105*45*25 MM	



194	<b>90C</b>	<b>7435-W10-F1R</b>
NAME	LEG, LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	80*70*35 MM	



195	<b>91C</b>	<b>7435-W10-F2R</b>
NAME	LEG, RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	80*70*35 MM	



196	<b>92C</b>	<b>7434-W10-F1O</b>
NAME	FOOT D	
MATERIAL	ABS	
SIZE (L*W*H)	52*37*42 MM	



197	<b>93C</b>	<b>7408-W10-A1Y</b>
NAME	TRAPEZOID FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	90*40*10 MM	



198	<b>94C</b>	<b>7408-W10-B1Y</b>
NAME	TRAPEZOID COVER	
MATERIAL	ABS	
SIZE (L*W*H)	90*50*40 MM	



199	<b>95C</b>	<b>7411-W10-C1D</b>
NAME	145° CRANKSHAFT GEAR -A	
MATERIAL	ABS	
SIZE (L*W*H)	92*22*10 MM	



200	<b>96C</b>	<b>7411-W10-C2D</b>
NAME	145° CRANKSHAFT GEAR -B	
MATERIAL	ABS	
SIZE (L*W*H)	92*22*10 MM	



201	<b>97C</b>	<b>7411-W10-G1D</b>
NAME	GRIPPER	
MATERIAL	TPR	
SIZE (L*W*H)	35*20*20 MM	



202	<b>98C</b>	<b>7411-W10-A1S</b>
NAME	120° CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	50*38*10 MM	





# COMPONENTS



203	<b>99C</b>	<b>7411-W10-B1S</b>
NAME	3 WAY ADAPTER	
MATERIAL	ABS	
SIZE (L*W*H)	41.5*41.5*10 MM	



204	<b>100C</b>	<b>7410-W10-A1S</b>
NAME	ANGLE CLIP	
MATERIAL	TPR+PP	
SIZE (L*W*H)	39.3*24.7*11.5 MM	



205	<b>101C</b>	<b>7410-W10-B1S</b>
NAME	STRING FIXER	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



206	<b>102C</b>	<b>7427-W10-A1S</b>
NAME	2 HOLE ROUND ROD FOR AXLE	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



207	<b>103C</b>	<b>7409-W10-H1G1</b>
NAME	3 HOLE CRANK	
MATERIAL	ABS	
SIZE (L*W*H)	30*10*20 MM	



208	<b>104C</b>	<b>7445-W10-A1S</b>
NAME	6-PIN HUB CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	44*44*10 MM	



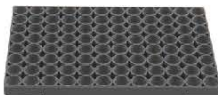
209	<b>105C</b>	<b>7445-W10-B1G</b>
NAME	CLAW PIECE A	
MATERIAL	ABS	
SIZE (L*W*H)	60*30*36 MM	



210	<b>106C</b>	<b>7445-W10-B2G</b>
NAME	CLAW PIECE B	
MATERIAL	ABS	
SIZE (L*W*H)	60*30*36 MM	



211	<b>107C</b>	<b>7445-W10-D1S</b>
NAME	TWO-IN-ONE FIXTURE	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*13 MM	



212	<b>108C</b>	<b>7125-W10-A1SK</b>
NAME	BASE GRID	
MATERIAL	ABS	
SIZE (L*W*H)	120*80*8.5 MM	



213	<b>109C</b>	<b>7026-W10-I1SK</b>
NAME	BASE GRID CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*6 MM	



214	<b>110C</b>	<b>7125-W10-B1S</b>
NAME	JUMBO BASE GRID	
MATERIAL	ABS	
SIZE (L*W*H)	300*200*20 MM	



215	<b>111C</b>	<b>7125-W10-C1S</b>
NAME	JUMBO BASE GRID CONNECTOR	
MATERIAL	POM	
SIZE (L*W*H)	13.5*40*40 MM	



216	<b>112C</b>	<b>7125-W10-C2S</b>
NAME	JUMBO BASE GRID REMOVER	
MATERIAL	POM	
SIZE (L*W*H)	15*40*40 MM	







217	<b>113C</b>	<b>7061-W10-C1R</b>
NAME	LONG PEG	
MATERIAL	ABS	
SIZE (L*W*H)	13*8*8 MM	



218	<b>114C</b>	<b>7413-W10-T1B</b>
NAME	20mm AXLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*8*8 MM	



219	<b>115C</b>	<b>1187-W10-E1K</b>
NAME	STATIC AXLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*8*8 MM	



220	<b>116C</b>	<b>7413-W10-U1R</b>
NAME	30mm AXLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	30*8*8 MM	



221	<b>117C</b>	<b>7026-W10-H1R</b>
NAME	AXLE	
MATERIAL	ABS	
SIZE (L*W*H)	15*10*10 MM	



222	<b>118C</b>	<b>7413-W10-S1P1</b>
NAME	CAM CONNECTOR	
MATERIAL	PC	
SIZE (L*W*H)	20*8*8 MM	



223	<b>119C</b>	<b>7061-W10-G1W</b>
NAME	TWO-IN-ONE CONVERTER	
MATERIAL	ABS	
SIZE (L*W*H)	20*10*10 MM	



224	<b>120C</b>	<b>7061-W10-W1W</b>
NAME	SHORT BUTTON FIXER	
MATERIAL	ABS	
SIZE (L*W*H)	12*12*8 MM	



225	<b>121C</b>	<b>7061-W10-W2W</b>
NAME	LONG BUTTON FIXER	
MATERIAL	ABS	
SIZE (L*W*H)	12*12*11 MM	



226	<b>122C</b>	<b>7435-W10-H1S</b>
NAME	CAM SCREW	
MATERIAL	POM	
SIZE (L*W*H)	10*10*8 MM	



227	<b>123C</b>	<b>7061-W85-F1SK</b>
NAME	HINGE	
MATERIAL	ABS	
SIZE (L*W*H)	23*10*10 MM	



228	<b>124C</b>	<b>R12#3620</b>
NAME	WASHER	
MATERIAL	NYLON	
SIZE (L*W*H)	16*16*2 MM	





# COMPONENTS



229	<b>125C</b>	<b>7063-W10-B3S1</b>
NAME	CRANK	
MATERIAL	ABS	
SIZE (L*W*H)	42*25*10 MM	



230	<b>126C</b>	<b>7344-W10-A1W</b>
NAME	WORM GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	21*21*28 MM	



231	<b>127C</b>	<b>7063-W10-A1S1</b>
NAME	EGG CAM	
MATERIAL	ABS	
SIZE (L*W*H)	43*33*10 MM	



232	<b>128C</b>	<b>7063-W10-A2S1</b>
NAME	SNAIL CAM	
MATERIAL	ABS	
SIZE (L*W*H)	70*60*10 MM	



233	<b>129C</b>	<b>880-W25-Q1</b>
NAME	WHEEL	
MATERIAL	ABS	
SIZE (L*W*H)	44*44*8 MM	



234	<b>130C</b>	<b>7362-W25-F1</b>
NAME	THICK WHEEL	
MATERIAL	ABS	
SIZE (L*W*H)	56*56*22 MM	

7392-W10-G1D  
(7413-W10-D1D)



+

7392-W10-H1W



=



235	<b>131C</b>	<b>7392-W10-G1D(ABS)7413-W10-D1D(TPR)/7392-W10-H1W</b>
NAME	TURBO WHEEL	
MATERIAL	ABS/TPR	
SIZE (L*W*H)	64*64*25 MM	



236	<b>132C</b>	<b>1115-W85-F2S</b>
NAME	RACING TIRE	
MATERIAL	ABS/TPR	
SIZE (L*W*H)	70*70*13 MM	



237	<b>133C</b>	<b>7407-W10-B1W</b>
NAME	TURBO TIRE RIM	
MATERIAL	ABS	
SIZE (L*W*H)	50*50*30 MM	



238	<b>134C</b>	<b>7407-W10-A1D</b>
NAME	TURBO TIRE	
MATERIAL	TPR	
SIZE (L*W*H)	60*60*25 MM	



239	<b>135C</b>	<b>7408-W10-C1D</b>
NAME	TRUCK TIRE	
MATERIAL	TPR	
SIZE (L*W*H)	80*80*30 MM	



240	<b>136C</b>	<b>7446-W10-B1O</b>
NAME	40T WHEEL FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	42*42*30 MM	



241	<b>137C</b>	<b>7444-W10-A1D</b>
NAME	60T WHEEL FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	62*62*30 MM	







242	<b>138C</b>	<b>7446-W10-C1D</b>
NAME	20T BELT	
MATERIAL	TPR	
SIZE (L*W*H)	150*20*12 MM	



243	<b>139C</b>	<b>7446-W10-C2D</b>
NAME	21T BELT	
MATERIAL	TPR	
SIZE (L*W*H)	155*20*12 MM	



244	<b>140C</b>	<b>7404-W10-D1TB</b>
NAME	1 HOLE CONNECTOR	
MATERIAL	PC	
SIZE (L*W*H)	20*10*10 MM	



245	<b>141C</b>	<b>7404-W10-B1W</b>
NAME	3 HOLE DUAL ROUND ROD WITH PEGS	
MATERIAL	ABS	
SIZE (L*W*H)	30*15*10 MM	



246	<b>142C</b>	<b>7404-W10-B2W</b>
NAME	TRIANGLE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	40*32*10 MM	



247	<b>143C</b>	<b>7026-W10-J2R</b>
NAME	BAR	
MATERIAL	ABS	
SIZE (L*W*H)	38*8*8 MM	



248	<b>144C</b>	<b>7404-W10-G1O</b>
NAME	TUBE BOLT	
MATERIAL	PP	
SIZE (L*W*H)	10*8*20 MM	



249	<b>145C</b>	<b>7404-W10-G2O</b>
NAME	TUBE BOLT CAP	
MATERIAL	PP	
SIZE (L*W*H)	8*8*5 MM	



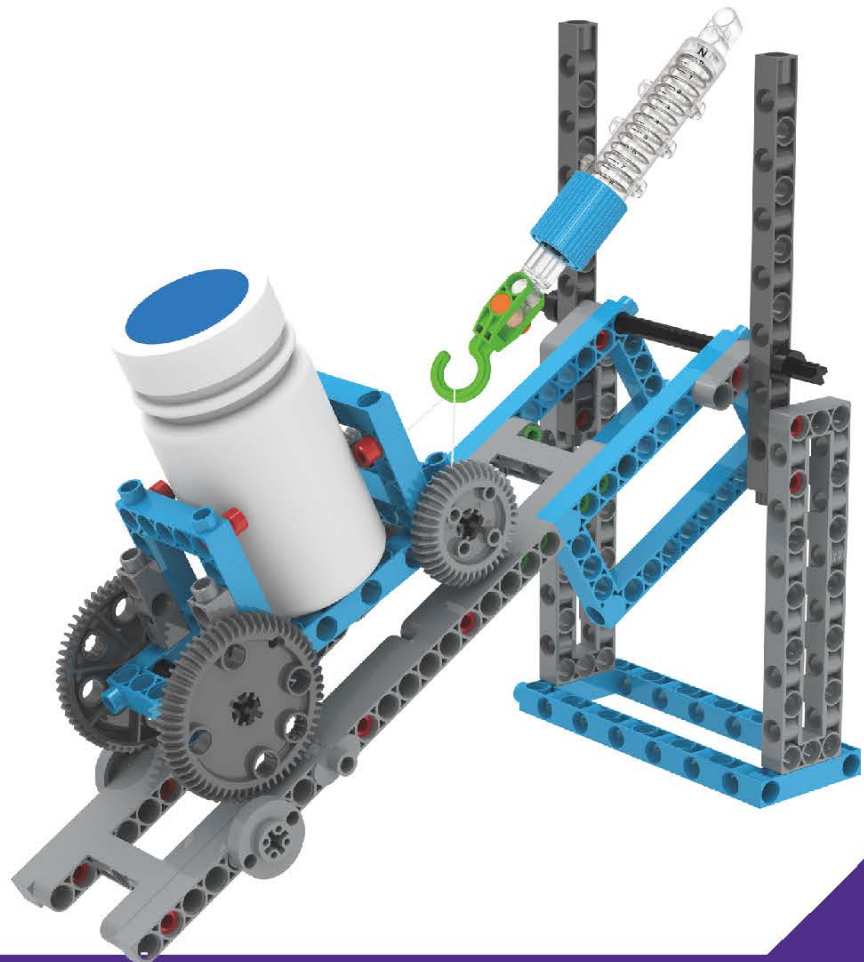
250	<b>146C</b>	<b>7428-W85-A</b>
NAME	SPRING SCALE	
MATERIAL	ABS	
SIZE (L*W*H)	155*25.8*25.8 MM	



251	<b>147C</b>	<b>7428-W10-A1G</b>
NAME	SPRING SCALE HOOK	
MATERIAL	ABS	
SIZE (L*W*H)	57*20*25 MM	



252	<b>148C</b>	<b>7900-W10-H2SK</b>
NAME	HOOK	
MATERIAL	ABS	
SIZE (L*W*H)	38*20*7 MM	





# COMPONENTS



253	<b>149C</b>	<b>7900-W10-H1SK</b>
NAME	ROLLER	
MATERIAL	ABS	
SIZE (L*W*H)	22*16*16 MM	



254	<b>150C</b>	<b>7400-W10-G2D</b>
NAME	OD8x20mm TUBE	
MATERIAL	POM	
SIZE (L*W*H)	20*8*8 MM	



255	<b>151C</b>	<b>7400-W10-G1D</b>
NAME	OD8x30mm TUBE	
MATERIAL	POM	
SIZE (L*W*H)	30*8*8 MM	



256	<b>152C</b>	<b>7066-W10-A1S</b>
NAME	30mm STATIC CONNECTOR TUBE	
MATERIAL	POM	
SIZE (L*W*H)	30*8*8 MM	



257	<b>153C</b>	<b>7337-W16-A1D</b>
NAME	OD8x80mm TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	80*8*8 MM	



258	<b>154C</b>	<b>7366-W16-E1</b>
NAME	OD18x150mm TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	18*18*150 MM	



259	<b>155C</b>	<b>7392-W10-L1B</b>
NAME	SHELL A LEFT	
MATERIAL	PC	
SIZE (L*W*H)	50*77*12 MM	



260	<b>156C</b>	<b>7392-W10-L2B</b>
NAME	SHELL A RIGHT	
MATERIAL	PC	
SIZE (L*W*H)	50*77*12 MM	



261	<b>157C</b>	<b>7392-W10-M1B</b>
NAME	SHELL C	
MATERIAL	PC	
SIZE (L*W*H)	50*20*17 MM	



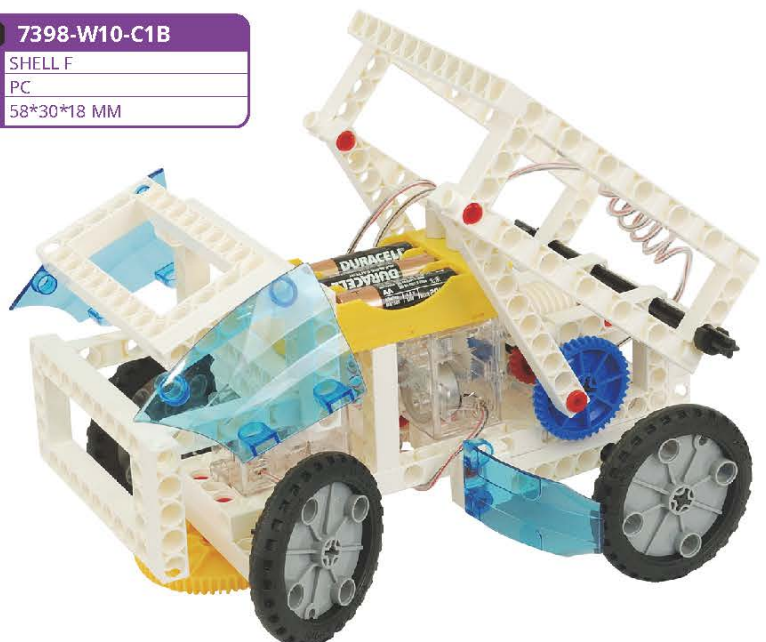
262	<b>158C</b>	<b>7398-W10-C2R</b>
NAME	SHELL E	
MATERIAL	PC	
SIZE (L*W*H)	85*40*35 MM	



263	<b>159C</b>	<b>7398-W10-C1B</b>
NAME	SHELL F	
MATERIAL	PC	
SIZE (L*W*H)	58*30*18 MM	



264	<b>160C</b>	<b>7396-W10-I1B</b>
NAME	SHELL G	
MATERIAL	PC	
SIZE (L*W*H)	85*65*30 MM	







265	<b>161C</b>	<b>7397-W10-B1G</b>
NAME	SHELL H	
MATERIAL	PC	
SIZE (L*W*H)	40*30*7 MM	



266	<b>162C</b>	<b>7407-W10-D2TD</b>
NAME	SHELL I LEFT	
MATERIAL	PC	
SIZE (L*W*H)	30*20*15 MM	



267	<b>163C</b>	<b>7407-W10-D3TD</b>
NAME	SHELL I RIGHT	
MATERIAL	PC	
SIZE (L*W*H)	30*20*15 MM	



268	<b>164C</b>	<b>7407-W10-D1TD</b>
NAME	SHELL J	
MATERIAL	PC	
SIZE (L*W*H)	70*40*10 MM	



269	<b>165C</b>	<b>7427-W10-F2P</b>
NAME	HEXAGONAL BODY PLATE 1	
MATERIAL	ABS	
SIZE (L*W*H)	70*70*20 MM	



270	<b>166C</b>	<b>7427-W10-F1P</b>
NAME	HEXAGONAL BODY PLATE 2	
MATERIAL	ABS	
SIZE (L*W*H)	70*50*20 MM	



271	<b>167C</b>	<b>7435-W10-G1S</b>
NAME	HEAD BOTTOM	
MATERIAL	ABS	
SIZE (L*W*H)	65*44*17 MM	



272	<b>168C</b>	<b>7435-W10-G2S</b>
NAME	HEAD TOP	
MATERIAL	ABS	
SIZE (L*W*H)	65*44*25 MM	



273	<b>169C</b>	<b>7435-W10-G3S</b>
NAME	HEAD FRONT	
MATERIAL	ABS	
SIZE (L*W*H)	65*34*16 MM	



274	<b>170C</b>	<b>7396-W10-G1B / 7396-W10-G2B / 7396-W10-G3B</b>
NAME	HEAD A	
MATERIAL	PC	
SIZE (L*W*H)	40*33*30 MM	



275	<b>171C</b>	<b>7396-W10-H3S / 7396-W10-H2S / 7396-W10-H1S</b>
NAME	HAND A	
MATERIAL	ABS	
SIZE (L*W*H)	23*18*10 MM	



276	<b>172C</b>	<b>7443-W10-A1R</b>
NAME	LARGE BODY PIECE B	
MATERIAL	ABS	
SIZE (L*W*H)	55*70*20 MM	



277	<b>173C</b>	<b>7443-W10-B1S</b>
NAME	HELICOPTER BLADE	
MATERIAL	ABS	
SIZE (L*W*H)	140*25*8 MM	



278	<b>174C</b>	<b>7445-W10-C1G</b>
NAME	MAIN BODY PIECE	
MATERIAL	ABS	
SIZE (L*W*H)	92*70*20 MM	



# COMPONENTS



279	<b>175C</b>	<b>7446-W10-A1R</b>
NAME	LARGE BODY PIECE A	
MATERIAL	ABS	
SIZE (L*W*H)	110*78*10 MM	



280	<b>176C</b>	<b>7446-W10-A2R</b>
NAME	SMALL BODY PIECE LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	40*60*16 MM	



281	<b>177C</b>	<b>7446-W10-A3R</b>
NAME	SMALL BODY PIECE RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	40*60*16 MM	



282	<b>178C</b>	<b>7398-W10-D1W</b>
NAME	OD106 PROPELLER	
MATERIAL	ABS	
SIZE (L*W*H)	106*106*20 MM	



283	<b>179C</b>	<b>1156-W10-G1Y</b>
NAME	HOE	
MATERIAL	ABS	
SIZE (L*W*H)	105*45*40 MM	



284	<b>180C</b>	<b>7362-W25-K1</b>
NAME	SUN COLLECTOR	
MATERIAL	PS	
SIZE (L*W*H)	216*175*6 MM	



285	<b>181C</b>	<b>R10-02</b>
NAME	70mm RUBBER BAND	
MATERIAL	RUBBER	
SIZE (L*W*H)	Ø70*1.5 MM	



286	<b>182C</b>	<b>R10-05</b>
NAME	100mm RUBBER BAND	
MATERIAL	RUBBER	
SIZE (L*W*H)	Ø100*1.5 MM	



287	<b>183C</b>	<b>R10-28</b>
NAME	200mm RUBBER BAND	
MATERIAL	RUBBER	
SIZE (L*W*H)	Ø200*1.5 MM	



288	<b>184C</b>	<b>7406-W85-A</b>
NAME	CROSSBOW BOLT	
MATERIAL	TPR/ABS	
SIZE (L*W*H)	175*25*25 MM	





## ELECTRICITY



289 **185C** 7050-W85-5R

NAME	WIRE CONNECTOR
MATERIAL	ABS/BDS
SIZE (L*W*H)	240*15*15 MM



290 **186C** 7050-W85-5DC

NAME	WIRE CLIP
MATERIAL	ABS/BDS
SIZE (L*W*H)	240*15*15 MM



291 **187C** 7455-W85-A1R

NAME	WIRE
MATERIAL	ABS
SIZE (L*W*H)	290*20*20MM



292 **188C** 7455-W85-A1D

NAME	WIRE
MATERIAL	ABS
SIZE (L*W*H)	290*20*20MM



293 **189C** 7050-W85-2G

NAME	SWITCH
MATERIAL	ABS/BDS
SIZE (L*W*H)	40*20*20 MM



294 **190C** 7455-W85-C

NAME	SWITCH
MATERIAL	ABS
SIZE (L*W*H)	50*20*16MM



295 **191C** 7050-W85-3R

NAME	CUBE CONDUCTOR
MATERIAL	ABS/BDS
SIZE (L*W*H)	25*20*20 MM



296 **192C** 7344-W85-C1R

NAME	PEG CONDUCTOR
MATERIAL	ABS/METAL
SIZE (L*W*H)	18*8*8 MM



297 **193C** 7050-W85-6G

NAME	BULB HOLDER
MATERIAL	ACRYLIC/ABS
SIZE (L*W*H)	50*20*20 MM



298 **194C** 7050-W85-6RL

NAME	LED HOLDER
MATERIAL	ACRYLIC/ABS
SIZE (L*W*H)	50*20*20 MM



299 **195C** E40-04

NAME	LED
MATERIAL	EPOXY/SPCC
SIZE (L*W*H)	36*6*6 MM



300 **196C** 7065-W85-A

NAME	ROUND MAGNET
MATERIAL	ABS+MAGNET
SIZE (L*W*H)	22*22*7 MM



301 **197C** M10#7343

NAME	IRON ROD
MATERIAL	METAL
SIZE (L*W*H)	18*18*18 MM





# COMPONENTS



302	<b>198C</b>	<b>7343-W10-A1SK</b>
NAME	WINDING REEL	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*20 MM	



303	<b>199C</b>	<b>7344-W85-B2</b>
NAME	PLASTIC SHEATH WIRE	
MATERIAL	METAL	
SIZE (L*W*H)	0.3*0.3*400 MM	



304	<b>200C</b>	<b>1206-W85-A</b>
NAME	C-Gigo AI CONTROL BOX	
MATERIAL	PC/ABS	
SIZE (L*W*H)	110*70*23 MM	



305	<b>201C</b>	<b>1206-W85-B</b>
NAME	1.5V DUAL BATTERY BOX	
MATERIAL	PC/ABS	
SIZE (L*W*H)	100*28*31 MM	



306	<b>202C</b>	<b>7079-W10-B3TB</b>
NAME	C-BATTERY BOX OPENER	
MATERIAL	PC	
SIZE (L*W*H)	30*30*7 MM	



307	<b>203C</b>	<b>7079-W85-A</b>
NAME	C-1.5V DUAL BATTERY BOX II	
MATERIAL	PC	
SIZE (L*W*H)	90*20*25 MM	

7050-W85-O2



+ 7455-W10-C1Y



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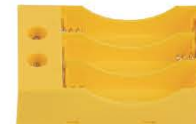
308	<b>204C</b>	<b>7050-W85-O2 / 7455-W10-C1Y</b>
NAME	1.5V BATTERY HOLDER II	
MATERIAL	ABS	
SIZE (L*W*H)	80*25*20 MM	



309	<b>205C</b>	<b>7050-W85-O1</b>
NAME	1.5V BATTERY HOLDER WITH FUSE	
MATERIAL	ABS	
SIZE (L*W*H)	80*25*20MM	

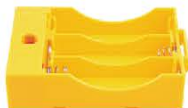


310	<b>206C</b>	<b>7363-W85-F1</b>
NAME	3V DUAL OUTLET BATTERY HOLDER WITH FUSE	
MATERIAL	ABS	
SIZE (L*W*H)	74*25*35 MM	



311	<b>207C</b>	<b>7363-W85-G1</b>
NAME	4.5V DUAL OUTLET BATTERY HOLDER	
MATERIAL	ABS	
SIZE (L*W*H)	73*49*25 MM	

7363-W85-I1



+

7363-W10-H3Y

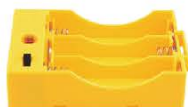


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312	<b>208C</b>	<b>7363-W85-I1 / 7363-W10-H3Y</b>
NAME	C-3V BATTERY HOLDER II	
MATERIAL	ABS	
SIZE (L*W*H)	74*25*35 MM	

7363-W85-H1



+

7363-W10-H3Y



=



313	<b>209C</b>	<b>7363-W85-H1 / 7363-W10-H3Y</b>
NAME	C-4.5V BATTERY HOLDER WITH SWITCHII	
MATERIAL	ABS	
SIZE (L*W*H)	73*49*25 MM	





314	<b>210C</b>	<b>7328-W85-D1/E2</b>
NAME	IR REMOTE CONTROLLER/RECEIVER	
MATERIAL	PC/ABS	
SIZE (L*W*H)	85*67*33 / 90*50*30 MM	



315	<b>211C</b>	<b>7336-W85-A1</b>
NAME	IR REMOTE CONTROLLER	
MATERIAL	PC/ABS/SILICONE	
SIZE (L*W*H)	65*50*23MM	



316	<b>212C</b>	<b>7336-W85-B1</b>
NAME	IR RECEIVER/MOTOR	
MATERIAL	PC/POM	
SIZE (L*W*H)	50*60*39 MM	



317	<b>213C</b>	<b>7407-W85-C</b>
NAME	4 CHANNEL CONTROLLER IR	
MATERIAL	PC/ABS/SILICONE	
SIZE (L*W*H)	65*50*23 MM	



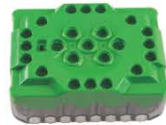
318	<b>214C</b>	<b>7337-W85-A1</b>
NAME	IR REMOTE CONTROLLER	
MATERIAL	PC/ABS/SILICONE	
SIZE (L*W*H)	65*50*23 MM	



319	<b>215C</b>	<b>7337-W85-B1</b>
NAME	RECEIVER/MOTOR	
MATERIAL	PC/POM	
SIZE (L*W*H)	50*60*39 MM	



320	<b>216C</b>	<b>7447-W85-A</b>
NAME	RF REMOTE CONTROLLER	
MATERIAL	ABS	
SIZE (L*W*H)	110*78*33 MM	



321	<b>217C</b>	<b>7447-W85-B</b>
NAME	RF RECEIVER	
MATERIAL	PC/ABS	
SIZE (L*W*H)	100*70*40 MM	



322	<b>218C</b>	<b>7408-W85-A</b>
NAME	IR REMOTE RECEIVER	
MATERIAL	PC/ABS	
SIZE (L*W*H)	90*60*20 MM	



323	<b>219C</b>	<b>7416-W85-G</b>
NAME	ULTRASONIC BT RECEIVER (DDM)	
MATERIAL	PC/ABS	
SIZE (L*W*H)	90*60*20 MM	



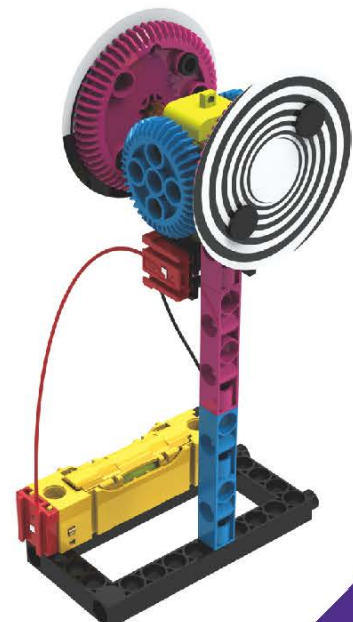
324	<b>220C</b>	<b>1246-W85-A2</b>
NAME	4.5V BT RECEIVER (DDM)	
MATERIAL	ABS/PC	
SIZE (L*W*H)	90*60*20 MM	



325	<b>221C</b>	<b>7452-W85-A</b>
NAME	CLAPPING RECEIVER	
MATERIAL	PC/ABS	
SIZE (L*W*H)	90*60*20 MM	



326	<b>222C</b>	<b>7050-W85-1S</b>
NAME	MOTOR WITH SPINDLE GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	58*50*30 MM	





# COMPONENTS



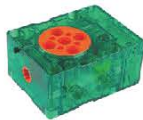
327	<b>223C</b>	<b>7441-W85-A</b>
NAME	28X MOTOR WITH SWITCH	
MATERIAL	PC/POM	
SIZE (L*W*H)	99*59*30 MM	



328	<b>224C</b>	<b>7427-W85-A</b>
NAME	100X MOTOR WITH SWITCH	
MATERIAL	PC/POM	
SIZE (L*W*H)	90*70*30 MM	



329	<b>225C</b>	<b>7435-W85-A</b>
NAME	MOTOR BOX BODY	
MATERIAL	ABS+POM	
SIZE (L*W*H)	110*50*65 MM	



330	<b>226C</b>	<b>7409-W85-A</b>
NAME	3 WAY MOTOR	
MATERIAL	PC/POM	
SIZE (L*W*H)	65*60*30 MM	



331	<b>227C</b>	<b>1155-W85-R</b>
NAME	AIR-WATER POWER PACKII	
MATERIAL	ABS	
SIZE (L*W*H)	78*60*65 MM	



332	<b>228C</b>	<b>3680-W85-A1R</b>
NAME	UNIVERSAL ADAPTER MOTOR	
MATERIAL	ABS	
SIZE (L*W*H)	65*65*53 MM	



333	<b>229C</b>	<b>7328-W85-A1-1</b>
NAME	30X MOTOR WITH WIRE CONNECTOR	
MATERIAL	PC	
SIZE (L*W*H)	50*40*30 MM	



334	<b>230C</b>	<b>7400-W85-A</b>
NAME	40X MOTOR WITH WIRE CONNECTOR	
MATERIAL	PC/POM	
SIZE (L*W*H)	50*40*35 MM	



335	<b>231C</b>	<b>7400-W85-A1</b>
NAME	40X MOTOR WITH WIRE CONNECTOR (DDM)	
MATERIAL	PC/POM	
SIZE (L*W*H)	50*40*35 MM	



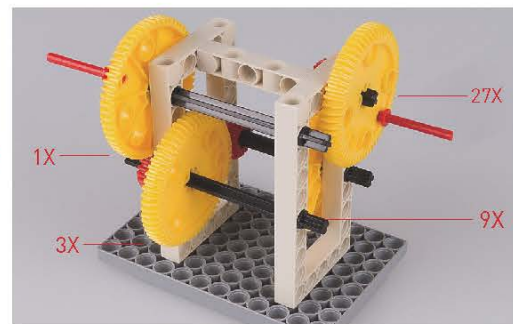
336	<b>232C</b>	<b>7366-W85-C</b>
NAME	MOTOR WITH WIRE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	67*39*39 MM	



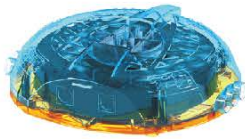
337	<b>233C</b>	<b>7366-W85-A</b>
NAME	BLOWER	
MATERIAL	ABS	
SIZE (L*W*H)	79*79*29.5 MM	



## Gigo 3 FOUNDATIONS-2







338	<b>234C</b>	<b>7434-W85-A</b>
NAME	MONTY HEAD AND GYRO SET	
MATERIAL	PC	
SIZE (L*W*H)	130*114*49 MM	



339	<b>235C</b>	<b>7434-W85-B</b>
NAME	MONTY BODY AND MOTOR SET	
MATERIAL	PC	
SIZE (L*W*H)	55*66*53 MM	



340	<b>236C</b>	<b>7392-W85-B3</b>
NAME	32X PLANETARY GEARBOX (DDM)	
MATERIAL	PC/ABS	
SIZE (L*W*H)	50*39*39 MM	



341	<b>237C</b>	<b>7447-W85-C</b>
NAME	50X PLANETARY GEARBOX	
MATERIAL	PC/POM	
SIZE (L*W*H)	40*40*60 MM	



342	<b>238C</b>	<b>7412-W85-A</b>
NAME	50X PLANETARY GEARBOX (DDM)	
MATERIAL	PC/POM	
SIZE (L*W*H)	40*40*60 MM	



343	<b>239C</b>	<b>1114-W85-E1K</b>
NAME	16X MOTOR	
MATERIAL	PC	
SIZE (L*W*H)	70*50*36 MM	



344	<b>240C</b>	<b>7430-W85-A</b>
NAME	WATER REPELLENT MOTOR	
MATERIAL	ABS/POM	
SIZE (L*W*H)	110*80*50 MM	



345	<b>241C</b>	<b>7416-W85-B</b>
NAME	ULTRASONIC SENSOR	
MATERIAL	ABS	
SIZE (L*W*H)	55*57*32 MM	



346	<b>242C</b>	<b>7433-W85-A</b>
NAME	BALANCING ROBOTIC BASE UNIT	
MATERIAL	ABS/POM	
SIZE (L*W*H)	130*70*70 MM	



347	<b>243C</b>	<b>7072-W85-A</b>
NAME	ROBOTIC BASE UNIT	
MATERIAL	ABS/POM	
SIZE (L*W*H)	116*100*39 MM	



348	<b>244C</b>	<b>7447-W85-C1</b>
NAME	C-50X PLANETARY GEARBOX II	
MATERIAL	PC/POM	
SIZE (L*W*H)	40*40*60 MM	



349	<b>245C</b>	<b>E10#7455</b>
NAME	MOTOR	
MATERIAL	ABS	
SIZE (L*W*H)	70*23*37MM	



350	<b>246C</b>	<b>7448-W10-B3TY</b>
NAME	TT MOTOR HOUSING	
MATERIAL	PC	
SIZE (L*W*H)	40*30*20 MM	



351	<b>247C</b>	<b>7448-W10-B1TY</b>
NAME	MOTOR AXLE	
MATERIAL	PC	
SIZE (L*W*H)	25*8*8 MM	



352	<b>248C</b>	<b>7455-W10-B3D</b>
NAME	MOTOR CONTACT COVER	
MATERIAL	ABS	
SIZE (L*W*H)	30*28*23.3MM	



# COMPONENTS



353	<b>249C</b>	<b>7442-W10-F1T1</b>
NAME	SAMMY'S GEARBOX, TOP	
MATERIAL	ABS	
SIZE (L*W*H)	100*70*15 MM	



354	<b>250C</b>	<b>7442-W10-F2T1</b>
NAME	SAMMY'S GEARBOX, BOTTOM	
MATERIAL	ABS	
SIZE (L*W*H)	100*70*15 MM	



355	<b>251C</b>	<b>7442-W10-G1T1</b>
NAME	SAMMY'S CRUST, TOP	
MATERIAL	ABS	
SIZE (L*W*H)	117*115*25 MM	



356	<b>252C</b>	<b>7442-W10-G2T1</b>
NAME	SAMMY'S CRUST, BOTTOM	
MATERIAL	ABS	
SIZE (L*W*H)	117*115*25 MM	



357	<b>253C</b>	<b>7442-W10-H1P</b>
NAME	SAMMY'S ARM, LEFT	
MATERIAL	ABS	
SIZE (L*W*H)	135*60*30 MM	



358	<b>254C</b>	<b>7442-W10-H2P</b>
NAME	SAMMY'S ARM, RIGHT	
MATERIAL	ABS	
SIZE (L*W*H)	135*60*30 MM	



359	<b>255C</b>	<b>1269-W85-A1</b>
NAME	Gigo micro:bit CONTROL BOX	
MATERIAL	PC/ABS	
SIZE (L*W*H)	100*70*42 MM	



360	<b>256C</b>	<b>1269-W85-B1R</b>
NAME	LED HOLDER (4-PIN)	
MATERIAL	ACRYLIC/ABS	
SIZE (L*W*H)	20*20*40 MM	



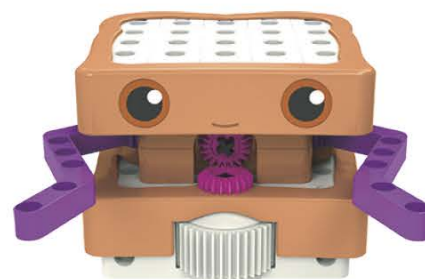
361	<b>257C</b>	<b>1247-W85-B3</b>
NAME	LINE FOLLOWER SENSOR	
MATERIAL	PC	
SIZE (L*W*H)	50*30*25 MM	



362	<b>258C</b>	<b>1247-W85-D3</b>
NAME	180° SERVO MOTOR (METAL GEAR)	
MATERIAL	PC/ABS	
SIZE (L*W*H)	42*40*37 MM	



363	<b>259C</b>	<b>7452-W85-B</b>
NAME	SOUND SENSOR	
MATERIAL	ABS	
SIZE (L*W*H)	30*30*50 MM	



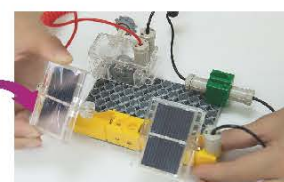
## Gigo 3 FOUNDATIONS-3



Connecting battery holders in series.



Turn on switch; light it up!



Compatible with 1.5V solar panel.



## SMART BRICKS #1246R/1203



364	<b>260C</b>	<b>1246-W85-A1</b>
NAME	Gigo SMART CONTROL BOX	
MATERIAL	PC/ABS	
SIZE (L*W*H)	100*70*40 MM	



365	<b>261C</b>	<b>1246-W85-B</b>
NAME	ILLUMINANCE SENSOR	
MATERIAL	PC/ABS	
SIZE (L*W*H)	30*30*50 MM	



366	<b>262C</b>	<b>1246-W85-C</b>
NAME	FORCE SENSOR	
MATERIAL	PC/ABS	
SIZE (L*W*H)	30*30*60 MM	



367	<b>263C</b>	<b>1246-W85-D</b>
NAME	EXTENSION CORD	
MATERIAL	ABS	
SIZE (L*W*H)	330*10*10 MM	



## SMART BRICKS #1247R/1204



368	<b>264C</b>	<b>1204RR-W85-A1</b>
NAME	Gigo MAKER CONTROL BOX	
MATERIAL	PC	
SIZE (L*W*H)	100*70*35 MM	



369	<b>265C</b>	<b>1247-W85-B1</b>
NAME	IR SENSOR	
MATERIAL	PC	
SIZE (L*W*H)	50*30*25 MM	



370	<b>266C</b>	<b>1247-W85-B2</b>
NAME	LIGHT SENSOR	
MATERIAL	PC	
SIZE (L*W*H)	50*30*25 MM	



371	<b>267C</b>	<b>1247-W85-C1S</b>
NAME	BALL ROLLER	
MATERIAL	ABS/METAL	
SIZE (L*W*H)	30*16.5*20 MM	



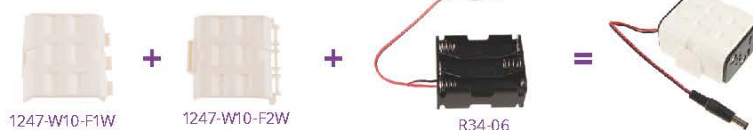
372	<b>268C</b>	<b>1247-W85-D1-1</b>
NAME	180° SERVO MOTOR	
MATERIAL	PC/ABS	
SIZE (L*W*H)	42*40*37 MM	



373	<b>269C</b>	<b>1247-W85-D2</b>
NAME	CONTINUOUS ROTATION SERVO MOTOR	
MATERIAL	PC/ABS	
SIZE (L*W*H)	60*39*55 MM	



374	<b>270C</b>	<b>1247-W85-E1</b>
NAME	BT MODULE	
MATERIAL	PCBA	
SIZE (L*W*H)	37.5*16.5*12.5 MM	



375	<b>271C</b>	<b>1247-W10-F1W / 1247-W10-F2W / R34-10</b>
NAME	C-9V BATTERY HOLDER	
MATERIAL	ABS	
SIZE (L*W*H)	62*40*60 MM	



# COMPONENTS

## GREEN ENERGY



376	<b>272C</b>	<b>1170-W85-A1</b>
NAME	1.5V MOVABLE SOLAR PANEL	
MATERIAL	PC	
SIZE (L*W*H)	60*51*26 MM	



377	<b>273C</b>	<b>7346-W85-A</b>
NAME	3V SOLAR PANEL	
MATERIAL	PC	
SIZE (L*W*H)	50*50*42 MM	



378	<b>274C</b>	<b>1114-W85-A1</b>
NAME	1.5V SOLAR POWER PACK	
MATERIAL	PC	
SIZE (L*W*H)	70*50*36 MM	



379	<b>275C</b>	<b>7422-W85-A</b>
NAME	1V SOLAR CELL AND MOTOR SET	
MATERIAL	ABS	
SIZE (L*W*H)	43*26*9.5 MM	



380	<b>276C</b>	<b>7422-W10-C2D</b>
NAME	MOTOR HOUSING	
MATERIAL	ABS	
SIZE (L*W*H)	40*25*30 MM	



381	<b>277C</b>	<b>7363-W85-E1</b>
NAME	METAL AIR FUEL CELL	
MATERIAL	ABS	
SIZE (L*W*H)	78*60*20 MM	



382	<b>278C</b>	<b>M31#7363-2</b>
NAME	MG ALLOY	
MATERIAL	METAL	
SIZE (L*W*H)	41*30*0.5 MM	



383	<b>279C</b>	<b>1155-W85-120</b>
NAME	1200mm TUBE B	
MATERIAL	TPE	
SIZE (L*W*H)	5*5*1200 MM	



384	<b>280C</b>	<b>1155-W85-200</b>
NAME	2000mm TUBE A	
MATERIAL	TPE	
SIZE (L*W*H)	6*6*2000 MM	



385	<b>281C</b>	<b>7409-W85-200</b>
NAME	2000mm TUBE A	
MATERIAL	TPE	
SIZE (L*W*H)	5*5*2000 MM	







386	<b>282C</b>	<b>1156-W10-J1Y</b>
NAME	S SECURITY NUT	
MATERIAL	ABS	
SIZE (L*W*H)	9*9*8 MM	



387	<b>283C</b>	<b>1156-W10-N1Y</b>
NAME	L SECURITY NUT	
MATERIAL	ABS	
SIZE (L*W*H)	11*11*9 MM	



388	<b>284C</b>	<b>7438-W10-A1D</b>
NAME	VALVE CONTROLLER	
MATERIAL	PC	
SIZE (L*W*H)	13*13*23 MM	



389	<b>285C</b>	<b>7438-W10-A2D</b>
NAME	VALVE	
MATERIAL	PC	
SIZE (L*W*H)	10*24*45 MM	



390	<b>286C</b>	<b>7344-W10-C3Y</b>
NAME	SHORT PEG WITH HOLE	
MATERIAL	ABS	
SIZE (L*W*H)	10*8*8 MM	



391	<b>287C</b>	<b>1156-W85-D1G</b>
NAME	SHORT CYLINDER	
MATERIAL	ABS/PP	
SIZE (L*W*H)	30*20*69 MM	



392	<b>288C</b>	<b>1156-W85-C1G</b>
NAME	LONG CYLINDER	
MATERIAL	ABS/PP	
SIZE (L*W*H)	30*20*84 MM	



393	<b>289C</b>	<b>7411-W85-A</b>
NAME	PNEUMATIC PISTON CYLINDER	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*95 MM	



394	<b>290C</b>	<b>7411-W10-D3D</b>
NAME	PNEUMATIC PISTON HANDLE	
MATERIAL	ABS	
SIZE (L*W*H)	30*10*10 MM	



395	<b>291C</b>	<b>1155-W85-I3DN</b>
NAME	SECURED ONE-WAY SWITCH	
MATERIAL	PC	
SIZE (L*W*H)	31*38*61 MM	



396	<b>292C</b>	<b>1155-W85-I4DN</b>
NAME	SECURED REVERSE SWITCH	
MATERIAL	PC	
SIZE (L*W*H)	31*38*61 MM	



397	<b>293C</b>	<b>1155-W85-C1G</b>
NAME	RECYCLED WATER STORAGE	
MATERIAL	ABS	
SIZE (L*W*H)	80*80*95 MM	



398	<b>294C</b>	<b>7362-W85-J1</b>
NAME	BUOYANCY BOTTLE WITH LID	
MATERIAL	PET	
SIZE (L*W*H)	60*60*173 MM	





# COMPONENTS



399	<b>295C</b>	<b>1155-W85-B2GN</b>
NAME	SECURED AIR-WATER STORAGE	
MATERIAL	ABS/PET	
SIZE (L*W*H)	75*50*190 MM	



400	<b>296C</b>	<b>R12-05</b>
NAME	OD15.8 FLAT O RING	
MATERIAL	SILICONE	
SIZE (L*W*H)	15*15.8*2 MM	



401	<b>297C</b>	<b>7362-W10-G1Y</b>
NAME	8 PIN ROUND FRAME FOR BOTTLE	
MATERIAL	ABS	
SIZE (L*W*H)	85*85*10 MM	



402	<b>298C</b>	<b>1155-W85-D2GN</b>
NAME	SECURED PUMP	
MATERIAL	ABS	
SIZE (L*W*H)	47*30*159 MM	



403	<b>299C</b>	<b>7389-W85-C1</b>
NAME	PLASTIC BOTTLE	
MATERIAL	PET	
SIZE (L*W*H)	45*45*132 MM	



404	<b>300C</b>	<b>7389-W85-A1D</b>
NAME	LITTLE AIR WATER SET	
MATERIAL	ABS	
SIZE (L*W*H)	193*80*87 MM	



405	<b>301C</b>	<b>7389-W10-B2D</b>
NAME	FRONT FIXING RIM	
MATERIAL	ABS	
SIZE (L*W*H)	87*80*12 MM	



406	<b>302C</b>	<b>7389-W85-B1R</b>
NAME	RELEASE CLIP	
MATERIAL	PP	
SIZE (L*W*H)	56*42*16 MM	



407	<b>303C</b>	<b>7323-W10-B1Y</b>
NAME	STORAGE CAP	
MATERIAL	ABS	
SIZE (L*W*H)	50*50*15 MM	







408	<b>304C</b>	<b>7323-W85-C1Y</b>
NAME	NOZZLE A	
MATERIAL	PC	
SIZE (L*W*H)	26*26*31 MM	



409	<b>305C</b>	<b>7323-W85-D1W</b>
NAME	CAR LAUNCHER	
MATERIAL	ABS	
SIZE (L*W*H)	85*50*35 MM	



410	<b>306C</b>	<b>3695-W10-A1B</b>
NAME	PADDLE WHEEL-PADDLE	
MATERIAL	ABS	
SIZE (L*W*H)	70*70*30 MM	



411	<b>307C</b>	<b>7366-W85-B</b>
NAME	EVA PROPELLER	
MATERIAL	ABS/EVA	
SIZE (L*W*H)	68*68*16 MM	



412	<b>308C</b>	<b>7324-W10-C1B</b>
NAME	SHORT BLADE	
MATERIAL	PP	
SIZE (L*W*H)	165*57*12 MM	



413	<b>309C</b>	<b>7324-W10-A1W</b>
NAME	LONG BLADE	
MATERIAL	ABS	
SIZE (L*W*H)	415*65*20 MM	



414	<b>310C</b>	<b>7430-W10-G1W</b>
NAME	WIND TURBINE BLADE	
MATERIAL	ABS	
SIZE (L*W*H)	365*60*33 MM	





# COMPONENTS



## 415 **311C** 7430-W10-H1S

NAME	TENT STAKE FIXER
MATERIAL	ABS
SIZE (L*W*H)	133*40*22 MM



## 416 **312C** 7324-W10-B1W

NAME	ROUND HUB
MATERIAL	ABS
SIZE (L*W*H)	71*71*40 MM



## 417 **313C** 3680-W85-A2R

NAME	UNIVERSAL ADAPTER
MATERIAL	ABS
SIZE (L*W*H)	55*50*1.5/75*75*25 MM



## 418 **314C** 7400-W10-B1W

NAME	HUB
MATERIAL	ABS
SIZE (L*W*H)	75*75*72 MM



## 419 **315C** 7400-W10-B2W

NAME	ADAPTER
MATERIAL	ABS
SIZE (L*W*H)	64*64*40 MM



## 420 **316C** 7324-W10-E1SK

NAME	TUBE ADAPTER
MATERIAL	ABS
SIZE (L*W*H)	50*50*43 MM

## AIR POWER



## 421 **317C** 7366-W10-D4Y

NAME	FILTER COVER
MATERIAL	ABS
SIZE (L*W*H)	24*24*10 MM



## 422 **318C** 7366-W10-D1Y

NAME	FILTER CONNECTOR
MATERIAL	ABS
SIZE (L*W*H)	28*28*15 MM



## 423 **319C** 7366-W10-E1Y

NAME	ELBOW PIPE
MATERIAL	ABS
SIZE (L*W*H)	44*22*28 MM



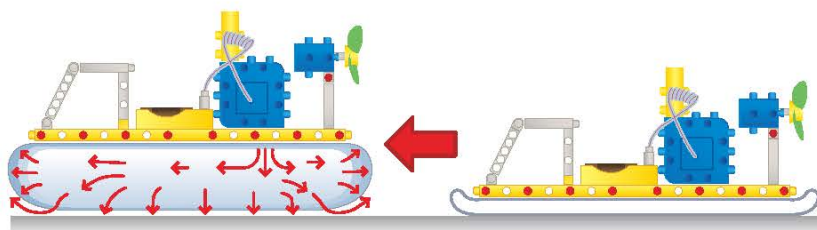
## 424 **320C** 7366-W10-E2Y

NAME	TUBE CONNECTOR
MATERIAL	ABS
SIZE (L*W*H)	50*22*39 MM



## 425 **321C** 7366-W10-D6Y

NAME	COUPLING FLANGE FOR VACUUM
MATERIAL	ABS
SIZE (L*W*H)	50*40*40 MM



### Lift Propeller

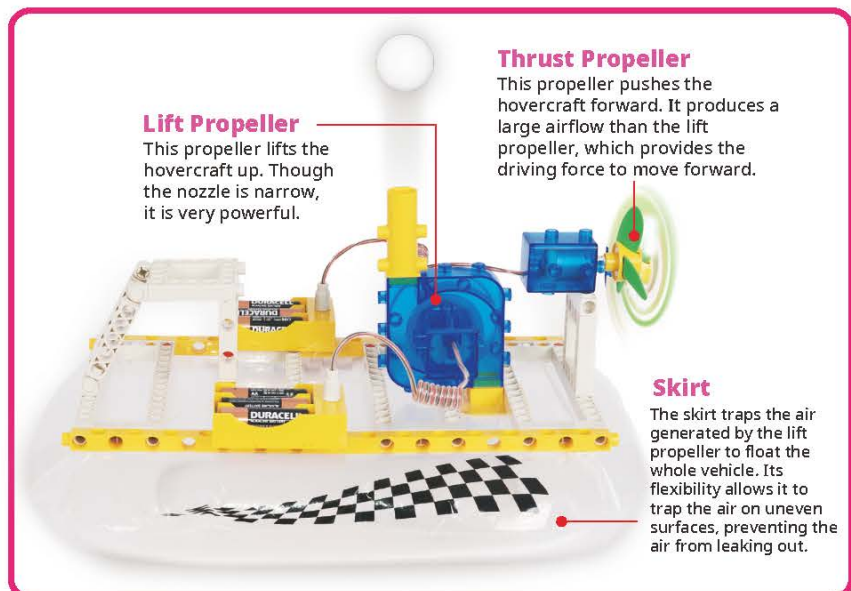
This propeller lifts the hovercraft up. Though the nozzle is narrow, it is very powerful.

### Thrust Propeller

This propeller pushes the hovercraft forward. It produces a large airflow than the lift propeller, which provides the driving force to move forward.

### Skirt

The skirt traps the air generated by the lift propeller to float the whole vehicle. Its flexibility allows it to trap the air on uneven surfaces, preventing the air from leaking out.







426	<b>322C</b>	<b>7366-W10-D3Y</b>
NAME	TUBE COVER	
MATERIAL	ABS	
SIZE (L*W*H)	21*21*6.5 MM	



427	<b>323C</b>	<b>7366-W10-B5Y</b>
NAME	BLOWER PIPE	
MATERIAL	ABS	
SIZE (L*W*H)	55*20*29 MM	



428	<b>324C</b>	<b>7366-W10-B4Y</b>
NAME	AIR INTAKE COVER FOR THE BLOWER	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*7 MM	



429	<b>325C</b>	<b>7366-W10-D2Y</b>
NAME	TOP BODY COVER FOR THE VACUUM CLEANER	
MATERIAL	ABS	
SIZE (L*W*H)	66.8*66.8*30 MM	



430	<b>326C</b>	<b>7366-W10-B3Y</b>
NAME	SQUARE OUTLET FOR THE BLOWER	
MATERIAL	ABS	
SIZE (L*W*H)	50*50*21 MM	



431	<b>327C</b>	<b>K22-04</b>
NAME	PLASTIC CUSHION SET	
MATERIAL	PE	
SIZE (L*W*H)	400*300*3 MM	



432	<b>328C</b>	<b>7409-W10-F1R</b>
NAME	CAP WITH HOLE	
MATERIAL	PP	
SIZE (L*W*H)	10*10*3 MM	



433	<b>329C</b>	<b>7409-W10-F2O</b>
NAME	TUBE BOLT CAP	
MATERIAL	PP	
SIZE (L*W*H)	8*8*5 MM	



434	<b>330C</b>	<b>7409-W10-G1R</b>
NAME	PEAR CAM	
MATERIAL	ABS	
SIZE (L*W*H)	12*12*10 MM	



435	<b>331C</b>	<b>7409-W10-G2R</b>
NAME	DROP CAM	
MATERIAL	ABS	
SIZE (L*W*H)	20*10.5*15 MM	



436	<b>332C</b>	<b>7409-W10-I1G</b>
NAME	3 HOLE 90° CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*10 MM	



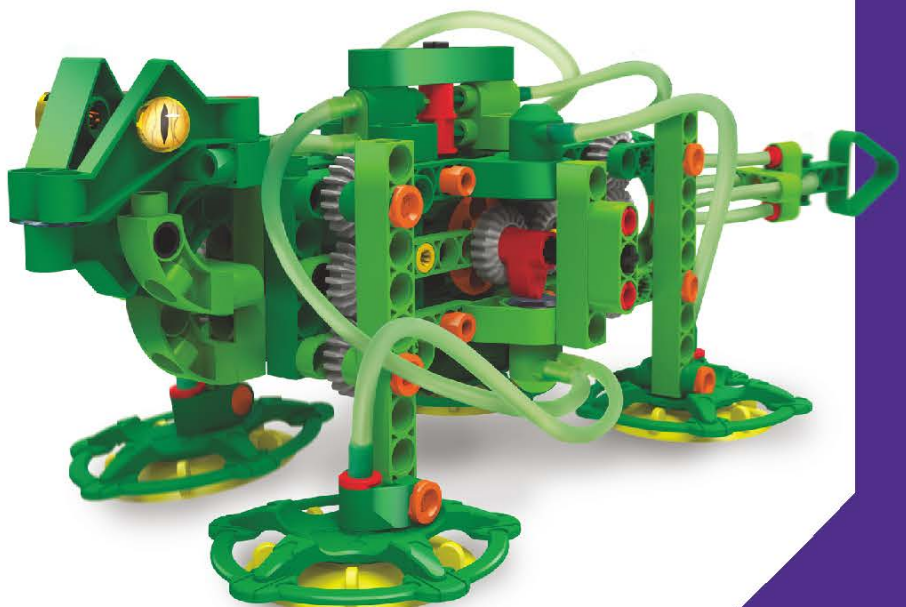
437	<b>333C</b>	<b>7409-W85-C1G/G1</b>
NAME	PNEUMATIC PUMP	
MATERIAL	ABS/PE	
SIZE (L*W*H)	35*30*35 MM	



438	<b>334C</b>	<b>7409-W85-D1G/G1</b>
NAME	PNEUMATIC VALVE WITH TWO OUTPUTS	
MATERIAL	ABS	
SIZE (L*W*H)	40*30*25 MM	



439	<b>335C</b>	<b>7409-W85-E</b>
NAME	SUCTION PAD	
MATERIAL	ABS/SILICONE	
SIZE (L*W*H)	80*80*32 MM	





# COMPONENTS



440	<b>336C</b>	<b>7068-W10-A1TB</b>
NAME	LOWER BLOWER CASE	
MATERIAL	PC	
SIZE (L*W*H)	72*57*9MM	



441	<b>337C</b>	<b>7068-W10-A2TB</b>
NAME	UPPER BLOWER CASE	
MATERIAL	PC	
SIZE (L*W*H)	90*66*33MM	



442	<b>338C</b>	<b>7068-W10-A3TB</b>
NAME	BLOWER SLIDE VALVE	
MATERIAL	PC	
SIZE (L*W*H)	37*18.3*6.6MM	



443	<b>339C</b>	<b>7068-W10-B1B</b>
NAME	BLOWER IMPELLER	
MATERIAL	ABS	
SIZE (L*W*H)	54.5*54.5*22MM	



444	<b>340C</b>	<b>7068-W10-B2B</b>
NAME	BLOWER BODY	
MATERIAL	ABS	
SIZE (L*W*H)	96*62*36MM	



445	<b>341C</b>	<b>7068-W10-B3B</b>
NAME	BLOWER FIXING	
MATERIAL	ABS	
SIZE (L*W*H)	30*30*17MM	



446	<b>342C</b>	<b>7068-W85-A</b>
NAME	AIR DANCER POWER SUPPLY UNIT	
MATERIAL	WHITE IRON/COPPER/ABS	
SIZE (L*W*H)	160*40*40MM	





## OPTICAL



447	<b>343C</b>	<b>7368-W85-A</b>
NAME	40R CONVEX LENS	
MATERIAL	ABS/PC	
SIZE (L*W*H)	40*23*8 MM	



448	<b>344C</b>	<b>7368-W85-B</b>
NAME	40R CONCAVE LENS	
MATERIAL	ABS/PC	
SIZE (L*W*H)	40*23*8 MM	



449	<b>345C</b>	<b>7368-W85-C</b>
NAME	300R CONVEX LENS	
MATERIAL	ABS/PMMA	
SIZE (L*W*H)	53*50*8 MM	



450	<b>346C</b>	<b>7368-W85-D</b>
NAME	170R CONVEX LENS	
MATERIAL	ABS/PMMA	
SIZE (L*W*H)	53*50*8 MM	



451	<b>347C</b>	<b>7368-W85-E</b>
NAME	FOG LENS	
MATERIAL	ABS/PMMA	
SIZE (L*W*H)	53*50*8 MM	



452	<b>348C</b>	<b>7368-W85-F</b>
NAME	10R OBJECTIVE LENS	
MATERIAL	ABS/PC	
SIZE (L*W*H)	38*38*38 MM	



453	<b>349C</b>	<b>7368-W10-E1D</b>
NAME	EYEPIECE	
MATERIAL	ABS	
SIZE (L*W*H)	52*34*34 MM	



454	<b>350C</b>	<b>7368-W10-F3D</b>
NAME	OBJECTIVE LENS BASE	
MATERIAL	ABS	
SIZE (L*W*H)	50*50*20 MM	



455	<b>351C</b>	<b>7368-W10-E2D</b>
NAME	EXTENSION TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	70*23*23 MM	



456	<b>352C</b>	<b>7368-W10-E3D</b>
NAME	EYEPIECE BASE	
MATERIAL	ABS	
SIZE (L*W*H)	32*50*50 MM	



457	<b>353C</b>	<b>7368-W10-D6D</b>
NAME	SHADING LENS	
MATERIAL	ABS	
SIZE (L*W*H)	23*21*5 MM	



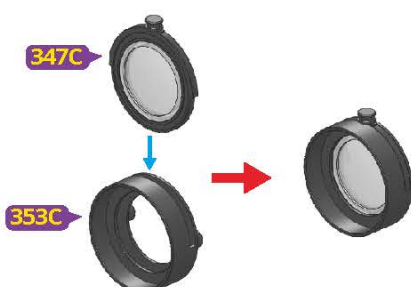
458	<b>354C</b>	<b>7368-W10-E4D</b>
NAME	FIXING RING	
MATERIAL	ABS	
SIZE (L*W*H)	30*30*10 MM	



459	<b>355C</b>	<b>7368-W10-H1D</b>
NAME	SHAFT A	
MATERIAL	ABS	
SIZE (L*W*H)	39*39*15 MM	



460	<b>356C</b>	<b>7368-W10-H2D</b>
NAME	SHAFT B	
MATERIAL	ABS	
SIZE (L*W*H)	39*39*15 MM	





# COMPONENTS

## GYRO



461	<b>357C</b>	<b>7395-W85-A</b>
NAME	MINI GYRO	
MATERIAL	ABS/METAL	
SIZE (L*W*H)	60*60*30 MM	



462	<b>358C</b>	<b>7395-W85-B</b>
NAME	FLYWHEEL	
MATERIAL	PC/POM/METAL	
SIZE (L*W*H)	72*30*38 MM	



463	<b>359C</b>	<b>7395-W10-D1D</b>
NAME	RIP CORD	
MATERIAL	NYLON	
SIZE (L*W*H)	265*30*5 MM	



464	<b>360C</b>	<b>7395-W10-F1</b>
NAME	CURVED TRACK	
MATERIAL	PP	
SIZE (L*W*H)	150*10*17 MM	



465	<b>361C</b>	<b>7395-W10-F2</b>
NAME	SLOPED TRACK	
MATERIAL	PP	
SIZE (L*W*H)	150*10*27 MM	



466	<b>362C</b>	<b>7395-W10-E1TD</b>
NAME	MINI GYRO ARM	
MATERIAL	PC	
SIZE (L*W*H)	45*48*5 MM	



467	<b>363C</b>	<b>7395-W10-E2TD</b>
NAME	MINI GYRO COVER	
MATERIAL	PC	
SIZE (L*W*H)	34*30*15 MM	



468	<b>364C</b>	<b>7395-W10-E3TD</b>
NAME	ROD-TO-TUBE CONNECTOR	
MATERIAL	PC	
SIZE (L*W*H)	52*30*19.5 MM	







## DRONE



469	<b>365C</b>	<b>7066-W85-A1</b>
NAME	MOTOR AND ARM ASSEMBLY, LEFT	
MATERIAL	PP	
SIZE (L*W*H)	57*31,5*30,5 MM	



470	<b>366C</b>	<b>7066-W85-A2</b>
NAME	MOTOR AND ARM ASSEMBLY, RIGHT	
MATERIAL	PP	
SIZE (L*W*H)	57*31,5*30,5 MM	



471	<b>367C</b>	<b>7066-W85-B</b>
NAME	CONTROLLER BOX	
MATERIAL	ABS	
SIZE (L*W*H)	80*50*14 MM	



472	<b>368C</b>	<b>7066-W85-C</b>
NAME	HD CAMERA	
MATERIAL	ABS	
SIZE (L*W*H)	50*22*22 MM	



473	<b>369C</b>	<b>7066-W85-D</b>
NAME	3.7V LITHIUM BATTERY	
MATERIAL	ABS	
SIZE (L*W*H)	82,5*40*13,7 MM	



474	<b>370C</b>	<b>7066-W85-E</b>
NAME	LED HOLDER FOR DRONE	
MATERIAL	ABS/PC	
SIZE (L*W*H)	20*20*40 MM	



475	<b>371C</b>	<b>7066-W10-E1D</b>
NAME	PROPELLER SHIELD RING	
MATERIAL	POM	
SIZE (L*W*H)	83*83*22 MM	



476	<b>372C</b>	<b>7066-W10-F1S</b>
NAME	96T ANNULAR GEAR	
MATERIAL	ABS	
SIZE (L*W*H)	51,8*51,8*10 MM	



477	<b>373C</b>	<b>7066-W10-F2S</b>
NAME	SMALL PEG REMOVER	
MATERIAL	ABS	
SIZE (L*W*H)	64,5*18*10 MM	



478	<b>374C</b>	<b>7066-W10-F3S</b>
NAME	MINI GEAR	
MATERIAL	POM	
SIZE (L*W*H)	6*6*5,8 MM	





# COMPONENTS

## ROLLER COASTER ENGINEERING



479	<b>375C</b>	<b>7071-W10-A1R</b>
NAME	160MM FLEXIBLE TRACK	
MATERIAL	PE	
SIZE (L*W*H)	170*28*12 MM	



480	<b>376C</b>	<b>7071-W10-B1G</b>
NAME	5-WAY ROD CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*14 MM	



481	<b>377C</b>	<b>7071-W10-C1G</b>
NAME	6-WAY ROD CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	20*20*20 MM	



482	<b>378C</b>	<b>7071-W10-D1W</b>
NAME	TRACK SUPPORT	
MATERIAL	PE	
SIZE (L*W*H)	20*18*10 MM	



483	<b>379C</b>	<b>7071-W10-E1S</b>
NAME	FRAME STRUT	
MATERIAL	ABS	
SIZE (L*W*H)	108*18*10 MM	



484	<b>380C</b>	<b>7071-W10-F1S</b>
NAME	FRAME ROD	
MATERIAL	ABS	
SIZE (L*W*H)	150*10*10 MM	



485	<b>381C</b>	<b>7071-W10-G1TP</b>
NAME	CAR COVER	
MATERIAL	PP	
SIZE (L*W*H)	34*27*23 MM	



486	<b>382C</b>	<b>7071-W10-G2TP</b>
NAME	CAR BODY	
MATERIAL	PP	
SIZE (L*W*H)	40*22*28 MM	



487	<b>383C</b>	<b>7071-W10-H1D</b>
NAME	CAR CHASSIS	
MATERIAL	ABS	
SIZE (L*W*H)	48*20*40 MM	



488	<b>384C</b>	<b>7071-W85-A</b>
NAME	CAR WHEEL SET	
MATERIAL	ABS	
SIZE (L*W*H)	12.5*12.5*13MM	



489	<b>385C</b>	<b>7071-W10-H4D</b>
NAME	CAR LAUNCH TRIGGER	
MATERIAL	ABS	
SIZE (L*W*H)	11.5*4*7.5 MM	



490	<b>386C</b>	<b>7071-W10-H5D</b>
NAME	CAR COUPLER	
MATERIAL	ABS	
SIZE (L*W*H)	16.5*6*6 MM	



491	<b>387C</b>	<b>7071-W85-B</b>
NAME	LAUNCHER	
MATERIAL	PC	
SIZE (L*W*H)	140*60*38MM	



492	<b>388C</b>	<b>7071-W10-I5R</b>
NAME	LAUNCHER TRACK	
MATERIAL	PC	
SIZE (L*W*H)	170*28*12 MM	







## D BLOCK-X GEO-11 PCS

### BASIC

Used for all model construction. Can be easily put together with connectors to develop creativity.



493	<b>1D</b>	<b>1210-W10-A1TK</b>
NAME	EQUILATERAL TRIANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	70*70*5 MM	



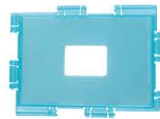
494	<b>2D</b>	<b>1210-W10-C1TO</b>
NAME	RIGHT TRIANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	92*50*5 MM	



495	<b>3D</b>	<b>1210-W10-H1TY</b>
NAME	ISOSCELES TRIANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	90*70*5 MM	



496	<b>4D</b>	<b>1210-W10-G1TG</b>
NAME	SQUARE	
MATERIAL	ABS	
SIZE (L*W*H)	75*75*5 MM	



497	<b>5D</b>	<b>1210-W10-D1TB1</b>
NAME	RECTANGLE	
MATERIAL	ABS	
SIZE (L*W*H)	105*75*5 MM	



498	<b>6D</b>	<b>1210-W10-E1TP</b>
NAME	PENTAGON	
MATERIAL	ABS	
SIZE (L*W*H)	113*113*5 MM	



499	<b>7D</b>	<b>1210-W10-F1TD</b>
NAME	HEXAGON	
MATERIAL	ABS	
SIZE (L*W*H)	140*15*5 MM	



500	<b>8D</b>	<b>1210-W10-B1SK</b>
NAME	X GEO CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	65*22*10 MM	



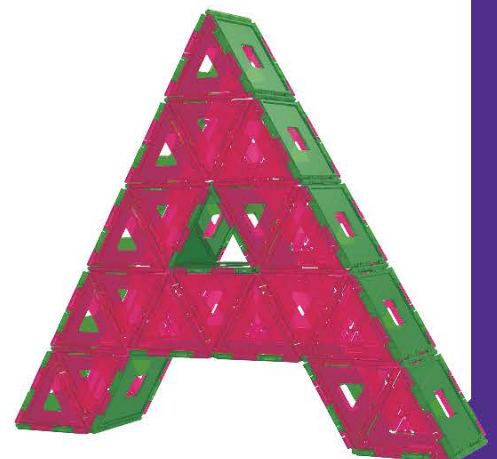
501	<b>9D</b>	<b>7452-W10-A1Y</b>
NAME	TRIANGULAR SHELL PIECE	
MATERIAL	ABS	
SIZE (L*W*H)	70*70*9.6MM	



502	<b>10D</b>	<b>7452-W10-A2B</b>
NAME	TRIANGULAR SHELL PIECE	
MATERIAL	ABS	
SIZE (L*W*H)	70*70*9.6MM	



503	<b>11D</b>	<b>7452-W10-B1B</b>
NAME	PENTAGONAL SHELL PIECE	
MATERIAL	ABS	
SIZE (L*W*H)	113*113*18.7MM	





# COMPONENTS

## E BLOCK-PANEL-33 PCS

### FURNITURE

The connectors are used to connect tubes with locking pins.



504	<b>1E</b>	<b>1136-W10-A1P</b>
NAME	STRAIGHT CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*32*32 MM	



505	<b>2E</b>	<b>1060-W10-A1B2</b>
NAME	CORNER CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	80*80*32 MM	



506	<b>3E</b>	<b>1060-W10-C1K</b>
NAME	T SHAPE CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*80*32 MM	



507	<b>4E</b>	<b>1060-W10-B1G</b>
NAME	3-WAY CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	80*80*80 MM	



508	<b>5E</b>	<b>1060-W10-D1P</b>
NAME	4-WAY CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*80*80 MM	



509	<b>6E</b>	<b>1136-W10-B1G</b>
NAME	CROSS CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*130*32 MM	



510	<b>7E</b>	<b>1060-W10-E1K</b>
NAME	5-WAY CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*130*80 MM	



511	<b>8E</b>	<b>1060-W10-F1Y</b>
NAME	6-WAY CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	130*130*130 MM	



512	<b>9E</b>	<b>1136-W10-C1SR</b>
NAME	114° ELBOW	
MATERIAL	ABS	
SIZE (L*W*H)	110*50*32 MM	



513	<b>10E</b>	<b>1136-W10-D1SR</b>
NAME	135° ELBOW	
MATERIAL	ABS	
SIZE (L*W*H)	112*55*32 MM	



514	<b>11E</b>	<b>1136-W10-C2SR</b>
NAME	156° ELBOW	
MATERIAL	ABS	
SIZE (L*W*H)	112*55*32 MM	



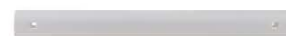
515	<b>12E</b>	<b>1060-W85-H1G</b>
NAME	PANEL-LOCK CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	105*55*28 MM	



516	<b>13E</b>	<b>1060-W10-G1SR</b>
NAME	TUBE END COVER	
MATERIAL	ABS	
SIZE (L*W*H)	32*32*15 MM	



517	<b>14E</b>	<b>1060-W17-C5S</b>
NAME	105mm TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	105*55*32 MM	



518	<b>15E</b>	<b>1060-W17-C7SR</b>
NAME	300mm TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	300*55*32 MM	





519	<b>16E</b>	<b>1060-W17-C10R</b>
NAME	CURVED TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	480*135*32 MM	



520	<b>17E</b>	<b>1137-W85-A1Y</b>
NAME	EXPANDABLE SLIDE	
MATERIAL	PP	
SIZE (L*W*H)	730*390*95 MM	



521	<b>18E</b>	<b>1131-W10-A1B</b>
NAME	PLASTIC BOARD	
MATERIAL	PP	
SIZE (L*W*H)	777*389*35 MM	



522	<b>19E</b>	<b>3599-W10-A1P</b>
NAME	SQUARE FLAT II	
MATERIAL	PP	
SIZE (L*W*H)	390*352*35 MM	



523	<b>20E</b>	<b>1137-W10-C1Y</b>
NAME	SAFETY COVER L	
MATERIAL	PP	
SIZE (L*W*H)	110*60*105 MM	



524	<b>21E</b>	<b>1137-W10-C2Y</b>
NAME	SAFETY COVER R	
MATERIAL	PP	
SIZE (L*W*H)	110*60*105 MM	



525	<b>22E</b>	<b>1277-W10-A1Y</b>
NAME	SLIDE END	
MATERIAL	PP	
SIZE (L*W*H)	392*140*165 MM	



526	<b>23E</b>	<b>1060-W10-R1B</b>
NAME	T WRENCH	
MATERIAL	ABS	
SIZE (L*W*H)	392*140*165 MM	



527	<b>24E</b>	<b>1060-W85-M1G</b>
NAME	RELEASE PLIERS	
MATERIAL	POM	
SIZE (L*W*H)	145*43*12 MM	





# COMPONENTS



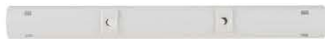
528	<b>25E</b>	<b>1060-W10-P1B</b>
NAME	FIXTURE	
MATERIAL	HIPS	
SIZE (L*W*H)	146*60*22 MM	



529	<b>26E</b>	<b>1060-W10-Q1Y</b>
NAME	SCREW	
MATERIAL	HIPS	
SIZE (L*W*H)	32*32*32 MM	



530	<b>27E</b>	<b>1136-W90-E2S</b>
NAME	U CLAMP & WASHER	
MATERIAL	ABS	
SIZE (L*W*H)	115*45*32 MM	



531	<b>28E</b>	<b>1137-W85-A2S</b>
NAME	300mm DOUBLE LOCKING TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	35*32*300 MM	



532	<b>29E</b>	<b>1137-W85-A1S</b>
NAME	300mm SINGLE LOCKING TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	35*32*300 MM	



533	<b>30E</b>	<b>1137-W85-A4S</b>
NAME	95mm SINGLE LOCKING TUBE	
MATERIAL	ABS	
SIZE (L*W*H)	35*32*95 MM	



534	<b>31E</b>	<b>1137-W10-B1SR</b>
NAME	TUBE SCREW	
MATERIAL	PC	
SIZE (L*W*H)	22*20*20 MM	



535	<b>32E</b>	<b>1136-W85-F1SR</b>
NAME	CASTER	
MATERIAL	ABS/NYLON	
SIZE (L*W*H)	100*60*40 MM	



536	<b>33E</b>	<b>1136-W85-F2SR</b>
NAME	CASTER WITH LOCK	
MATERIAL	ABS/NYLON	
SIZE (L*W*H)	100*65*40 MM	





## F BLOCK-ULTRA LIGHT- 31 PCS

### ULTRA LIGHT



537 **1F** 7402-W10-A1D2

NAME	STRAIGHT CONNECTOR
MATERIAL	TPR+PP
SIZE (L*W*H)	25*5.5*5.5MM



538 **2F** 7402-W10-A2D2

NAME	150 DEGREE CONNECTOR
MATERIAL	TPR+PP
SIZE (L*W*H)	30*8*6.8 MM



539 **3F** 7402-W10-A3D2

NAME	STABILIZER CONNECTORS
MATERIAL	TPR+PP
SIZE (L*W*H)	30*8*6.8 MM



540 **4F** 7402-W10-B1D

NAME	AIRFOIL RIB
MATERIAL	PP
SIZE (L*W*H)	30*8*6.8 MM



541 **5F** R36#7401

NAME	21mm BAMBOO SQUARE BAR
MATERIAL	BAMBOO
SIZE (L*W*H)	21*3*3MM



542 **6F** R36#7402-1

NAME	90mm BAMBOO SQUARE BAR
MATERIAL	BAMBOO
SIZE (L*W*H)	90*3*3 MM



543 **7F** R36#7402-2

NAME	150mm BAMBOO SQUARE BAR
MATERIAL	BAMBOO
SIZE (L*W*H)	150*3*3 MM



544 **8F** R36#7402-3

NAME	220mm BAMBOO SQUARE BAR
MATERIAL	BAMBOO
SIZE (L*W*H)	220*3*3MM



545 **9F** R36#7402-5

NAME	300mm BAMBOO SQUARE BAR
MATERIAL	BAMBOO
SIZE (L*W*H)	300*3*3MM



546 **10F** 7402-W10-C1D

NAME	BAMBOO FIXER PEG
MATERIAL	PP
SIZE (L*W*H)	7.94*10 MM



547 **11F** 7402-W10-C2D

NAME	NOSE CONE
MATERIAL	PP
SIZE (L*W*H)	10*10*10 MM



548 **12F** 7403-W10-B2D

NAME	H SHAPE CONNECTOR
MATERIAL	POM
SIZE (L*W*H)	26.5*20*6.5 MM



549 **13F** 7403-W10-A1D

NAME	TAIL FIXTURE
MATERIAL	TPR+PP
SIZE (L*W*H)	30*7*8 MM



550 **14F** 7403-W10-C1D1

NAME	X SHAPE CONNECTOR
MATERIAL	TPR+PP
SIZE (L*W*H)	25*16*8 MM



551 **15F** 7403-W10-A2D

NAME	150° X SHAPE CONNECTOR
MATERIAL	TPR+PP
SIZE (L*W*H)	26*16*8 MM



552 **16F** 7422-W10-B1D

NAME	TRIPOD CONNECTOR
MATERIAL	TPR+PP
SIZE (L*W*H)	24*24*12 MM



553 **17F** 7403-W10-D2D

NAME	PROPELLER CLUTCH
MATERIAL	NYLON
SIZE (L*W*H)	15*8 MM



# COMPONENTS



554	<b>18F</b>	<b>7403-W10-D1D</b>
NAME	HOOK	
MATERIAL	NYLON	
SIZE (L*W*H)	55*4 MM	



555	<b>19F</b>	<b>7403-W10-D3D</b>
NAME	PROPELLER CLUTCH CAP	
MATERIAL	NYLON	
SIZE (L*W*H)	12*8 MM	



556	<b>20F</b>	<b>7403-W10-B1D</b>
NAME	HOOK FIXTURE	
MATERIAL	POM	
SIZE (L*W*H)	24.5*30*10 MM	



557	<b>21F</b>	<b>7388-W10-D1R</b>
NAME	10T AXLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	12*12*4 MM	



558	<b>22F</b>	<b>7422-W10-D1S</b>
NAME	20T AXLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	22*22*4 MM	



559	<b>23F</b>	<b>7388-W10-E1B</b>
NAME	30T AXLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	32*32*4 MM	



560	<b>24F</b>	<b>7388-W10-F1Y</b>
NAME	50T AXLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	52*52*4 MM	



561	<b>25F</b>	<b>7388-W10-L1D</b>
NAME	OD45 PROPELLER WHEEL	
MATERIAL	POM	
SIZE (L*W*H)	45*45*6.6MM	



562	<b>26F</b>	<b>7403-W10-E1D</b>
NAME	OD170 PROPELLER	
MATERIAL	PP	
SIZE (L*W*H)	170*15 MM	



563	<b>27F</b>	<b>7388-W10-I1R</b>
NAME	SHORT AXLE	
MATERIAL	POM	
SIZE (L*W*H)	9.8*9.8*9.9 MM	



564	<b>28F</b>	<b>7388-W10-I3R</b>
NAME	AXLE CONNECTOR	
MATERIAL	POM	
SIZE (L*W*H)	8.5*8.5*16 MM	



565	<b>29F</b>	<b>7388-W10-H2R</b>
NAME	AXIS FIXING BASE	
MATERIAL	POM	
SIZE (L*W*H)	9.8*9.8*5 MM	



566	<b>30F</b>	<b>7388-W10-H1R</b>
NAME	AXIS ROTATING BASE	
MATERIAL	POM	
SIZE (L*W*H)	9.8*9.8*5 MM	



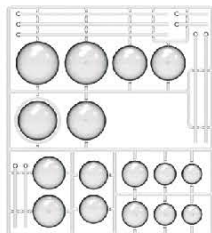
567	<b>31F</b>	<b>7388-W10-G3W</b>
NAME	90° CONNECTOR	
MATERIAL	ABS	
SIZE (L*W*H)	10*21.6*18.3 MM	



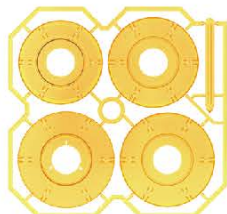


# H BLOCK-SPURE FRAME-54 PCS

## ORBITING SOLAR SYSTEM



568	<b>1H</b>	<b>7069-W10-A1</b>
NAME	PLASTIC PARTS GROUP A	
MATERIAL	PC	
SIZE (L*W*H)	213*192*22MM	



569	<b>2H</b>	<b>7069-W10-B1TY</b>
NAME	PLASTIC PARTS GROUP B	
MATERIAL	PC	
SIZE (L*W*H)	192*185*14.3MM	



270	<b>3H</b>	<b>7069-W10-C1TY</b>
NAME	PLASTIC PARTS GROUP C	
MATERIAL	PC	
SIZE (L*W*H)	192*192*52MM	



571	<b>4H</b>	<b>7069-W10-D1O</b>
NAME	SUN GEAR	
MATERIAL	POM	
SIZE (L*W*H)	21*21*6MM	



572	<b>5H</b>	<b>7069-W10-D2O</b>
NAME	SATELLITE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	11*11*4.6MM	



573	<b>6H</b>	<b>7069-W10-F1O</b>
NAME	REDUCTION GEAR	
MATERIAL	POM	
SIZE (L*W*H)	17*17*5.9MM	



574	<b>7H</b>	<b>7069-W10-F2O</b>
NAME	RATCHET DRIVEN WHEEL	
MATERIAL	POM	
SIZE (L*W*H)	51*51*8MM	



575	<b>8H</b>	<b>7069-W10-F4O</b>
NAME	ESCAPE WHEEL	
MATERIAL	POM	
SIZE (L*W*H)	27.7*27.7*9.3MM	



576	<b>9H</b>	<b>7069-W10-F5O</b>
NAME	ESCAPEMENT	
MATERIAL	POM	
SIZE (L*W*H)	60*60*3.5MM	



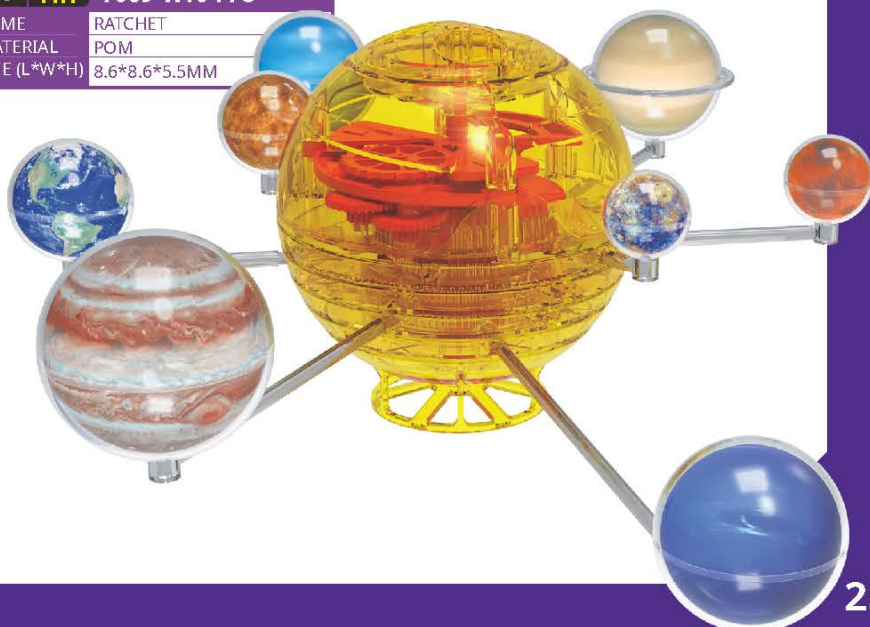
577	<b>10H</b>	<b>7069-W10-F6O</b>
NAME	SUN AXIS	
MATERIAL	POM	
SIZE (L*W*H)	7.6*7.6*31.5MM	



578	<b>11H</b>	<b>7069-W10-F7O</b>
NAME	RATCHET	
MATERIAL	POM	
SIZE (L*W*H)	8.6*8.6*5.5MM	



579	<b>12H</b>	<b>7069-W85-A</b>
NAME	CLOCKWORK BOX	
MATERIAL	ABS	
SIZE (L*W*H)	66.6*58.5*33MM	





# COMPONENTS

## ULTRA BIONIC BLASTER



580 **13H** 7080-W10-A1S

NAME	BLASTER FRAME
MATERIAL	HIPS
SIZE (L*W*H)	190*80*17MM



581 **14H** 7080-W10-B1S

NAME	CYLINDER SUPPORT
MATERIAL	ABS
SIZE (L*W*H)	50*35*26MM



582 **15H** 7080-W10-B2S

NAME	CYLINDER PIVOT
MATERIAL	ABS
SIZE (L*W*H)	50*48*16.6MM



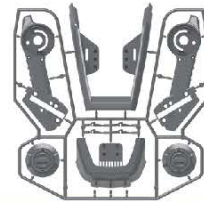
583 **16H** 7080-W10-B3S

NAME	INNER LIFT SUPPORT
MATERIAL	ABS
SIZE (L*W*H)	70*10*20MM



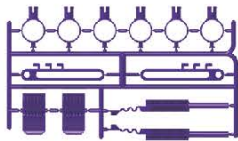
584 **17H** 7080-W10-B4S

NAME	OUTER LIFT SUPPORT
MATERIAL	ABS
SIZE (L*W*H)	70*10*20MM



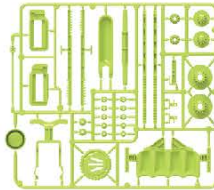
585 **18H** 7080-W10-C1S

NAME	FRAME C WITH PARTS C1-C6
MATERIAL	HIPS
SIZE (L*W*H)	240*230*45MM



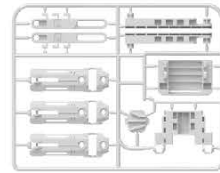
586 **19H** 7080-W10-D1P

NAME	FRAME D WITH PARTS D1-D7
MATERIAL	HIPS
SIZE (L*W*H)	195*115*15MM



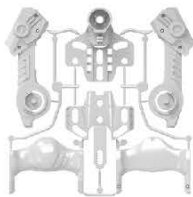
587 **20H** 7080-W10-E1G

NAME	FRAME E WITH PARTS E1-E21
MATERIAL	POM
SIZE (L*W*H)	255*225*35MM



588 **21H** 7080-W10-F1S

NAME	FRAME F WITH PARTS F1-F8
MATERIAL	HIPS
SIZE (L*W*H)	195*155*26MM



589 **22H** 7080-W10-G1S

NAME	FRAME G WITH PARTS G1-G6
MATERIAL	HIPS
SIZE (L*W*H)	230*230*35MM



590 **23H** 7080-W10-H1S

NAME	BLASTER FIXTURE (LEFT)
MATERIAL	HIPS
SIZE (L*W*H)	72.5*39*43.5MM



591 **24H** 7080-W10-H2S

NAME	BLASTER FIXTURE (RIGHT)
MATERIAL	HIPS
SIZE (L*W*H)	72.5*39*43.5MM



592 **25H** 7080-W10-H3S

NAME	HANDLE
MATERIAL	HIPS
SIZE (L*W*H)	65*35*37MM



593 **26H** 7080-W10-H4S

NAME	RESERVE CLIP
MATERIAL	HIPS
SIZE (L*W*H)	43*26*14.5MM



594 **27H** 7080-W10-I1S

NAME	DART HOLDER
MATERIAL	ABS
SIZE (L*W*H)	75.5*17.5*29.5MM





595	<b>28H</b>	<b>7080-W10-J1S</b>
NAME	OUTER CYLINDER	
MATERIAL	HIPS	
SIZE (L*W*H)	40*40*56MM	



596	<b>29H</b>	<b>7080-W10-J2S</b>
NAME	REAR NOZZLE	
MATERIAL	HIPS	
SIZE (L*W*H)	30*30*44MM	



597	<b>30H</b>	<b>7080-W10-J3S</b>
NAME	CYLINDER HOUSING	
MATERIAL	HIPS	
SIZE (L*W*H)	30*30*22MM	



598	<b>31H</b>	<b>7080-W10-J4S</b>
NAME	PISTON CAP	
MATERIAL	HIPS	
SIZE (L*W*H)	16.8*16.8*11.5MM	



599	<b>32H</b>	<b>7080-W10-J5S</b>
NAME	PISTON SLEEVE	
MATERIAL	HIPS	
SIZE (L*W*H)	12.6*12.6*15.8MM	



600	<b>33H</b>	<b>7080-W10-K1S</b>
NAME	PISTON BASE	
MATERIAL	POM	
SIZE (L*W*H)	27*27*30MM	



601	<b>34H</b>	<b>7080-W10-K2S</b>
NAME	PISTON HOOK	
MATERIAL	POM	
SIZE (L*W*H)	14*9*5MM	



602	<b>35H</b>	<b>7080-W10-K3S</b>
NAME	PISTON ROD	
MATERIAL	POM	
SIZE (L*W*H)	52.7*12.6*12.6MM	



603	<b>36H</b>	<b>7080-W10-K4S</b>
NAME	AIR WHEEL	
MATERIAL	POM	
SIZE (L*W*H)	23*23*20MM	

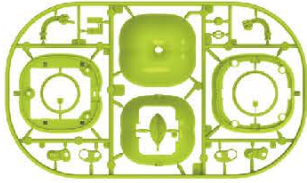


604	<b>37H</b>	<b>7080-W10-K5S</b>
NAME	ARM ADJUSTER	
MATERIAL	POM	
SIZE (L*W*H)	82*25*30MM	

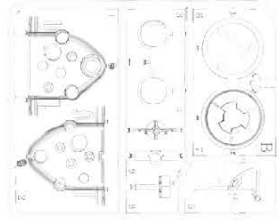


# COMPONENTS

## NEWTON'S APPLE: TIGHTROPE-WALKING GYROBOT



605	<b>38H</b>	<b>7083-W10-A1G</b>
NAME	GREEN PLASTIC FRAME	
MATERIAL	ABS	
SIZE (L*W*H)	271*144*20MM	



606	<b>39H</b>	<b>7083-W10-B1</b>
NAME	WHITE PLASTIC FRAME	
MATERIAL	PC	
SIZE (L*W*H)	124*102*21MM	



607	<b>40H</b>	<b>7083-W85-C</b>
NAME	APPLE BASE	
MATERIAL	ABS	
SIZE (L*W*H)	62*55*21.5MM	



608	<b>41H</b>	<b>7083-W10-C1T</b>
NAME	BATTERY BOX	
MATERIAL	ABS	
SIZE (L*W*H)	58*58*21MM	



609	<b>42H</b>	<b>7083-W10-C3T</b>
NAME	BATTERY BOX LID	
MATERIAL	ABS	
SIZE (L*W*H)	64*60*19MM	



610	<b>43H</b>	<b>7083-W10-C4T</b>
NAME	MOTOR COVER	
MATERIAL	ABS	
SIZE (L*W*H)	47*23*25MM	



611	<b>44H</b>	<b>7083-W10-C5T</b>
NAME	APPLE STEM	
MATERIAL	ABS	
SIZE (L*W*H)	26.5*12.5*7MM	



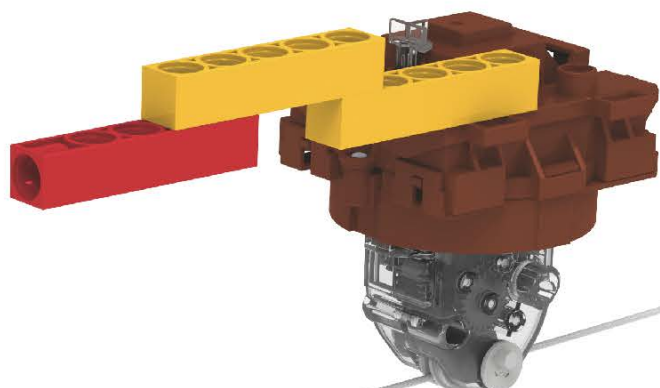
612	<b>45H</b>	<b>7083-W10-D1S</b>
NAME	24T OUTER SAFETY GEAR	
MATERIAL	POM	
SIZE (L*W*H)	13*13*2.7MM	



613	<b>46H</b>	<b>7083-W10-D2S</b>
NAME	24T/10T EXTENDED DOUBLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	13*13*15.6MM	



614	<b>47H</b>	<b>7083-W10-D3S</b>
NAME	24T/10T DOUBLE GEAR	
MATERIAL	POM	
SIZE (L*W*H)	13*13*5.8MM	







615	<b>48H</b>	<b>7083-W10-D5S</b>
NAME	PEDAL SHAFT (LEFT)	
MATERIAL	POM	
SIZE (L*W*H)	10.3*10.3*32MM	



616	<b>49H</b>	<b>7083-W10-D6S</b>
NAME	PEDAL SHAFT (RIGHT)	
MATERIAL	POM	
SIZE (L*W*H)	7.3*7.3*7.3MM	



617	<b>50H</b>	<b>7083-W10-D7S</b>
NAME	24T/10T CROWN GEAR	
MATERIAL	POM	
SIZE (L*W*H)	13*13*9.5MM	



618	<b>51H</b>	<b>7083-W10-D8S</b>
NAME	APPLE WHEEL (RIGHT)	
MATERIAL	POM	
SIZE (L*W*H)	16*16*5MM	



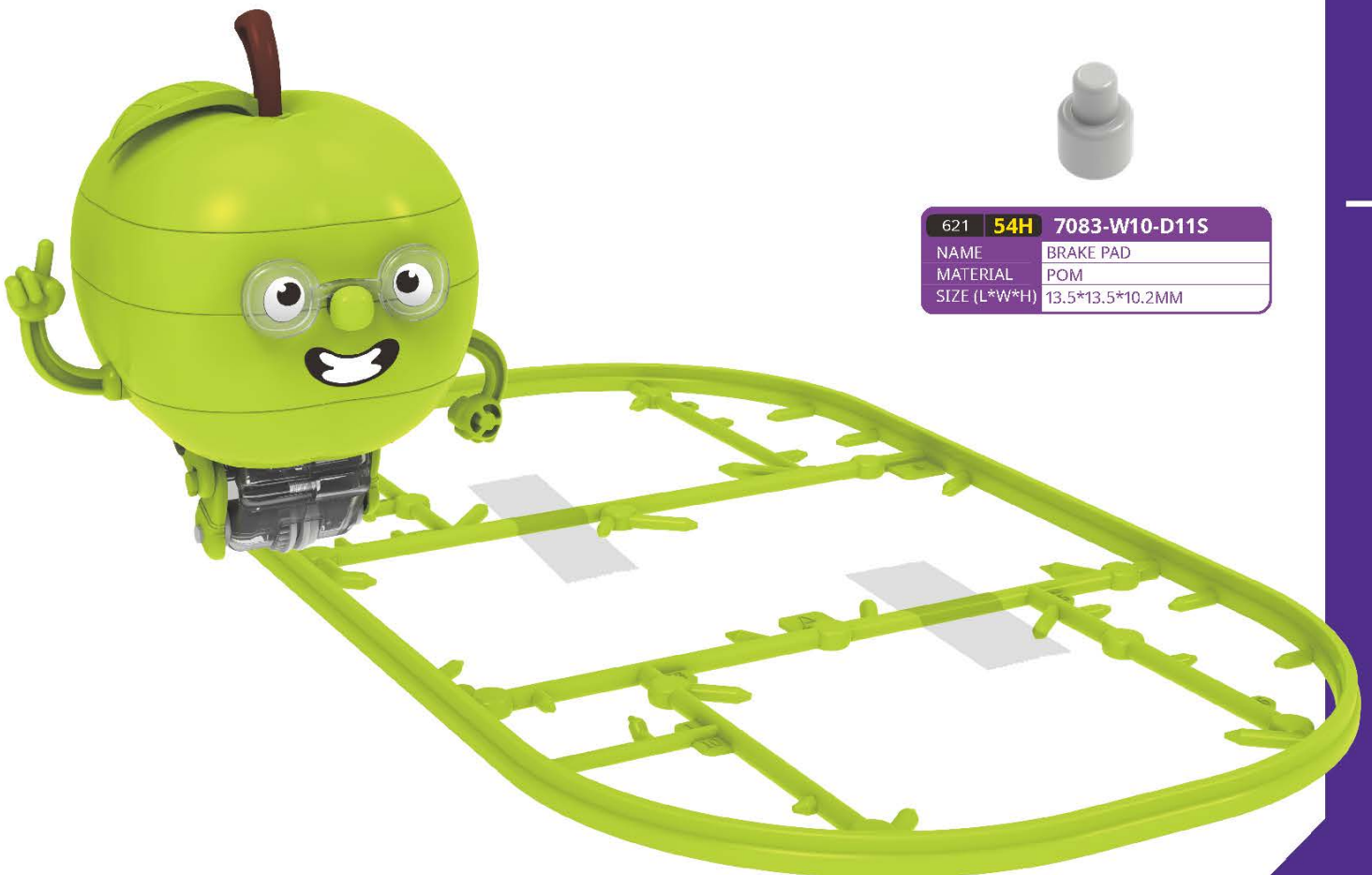
619	<b>52H</b>	<b>7083-W10-D9S</b>
NAME	10T INNER SAFETY GEAR	
MATERIAL	POM	
SIZE (L*W*H)	9*9*4.8MM	



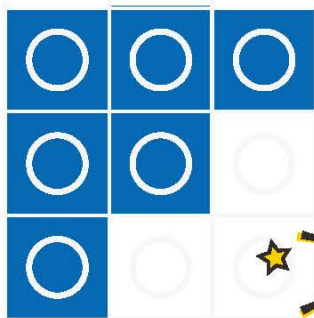
620	<b>53H</b>	<b>7083-W10-D10S</b>
NAME	APPLE WHEEL (LEFT)	
MATERIAL	POM	
SIZE (L*W*H)	16*16*3.2MM	



621	<b>54H</b>	<b>7083-W10-D11S</b>
NAME	BRAKE PAD	
MATERIAL	POM	
SIZE (L*W*H)	13.5*13.5*10.2MM	







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