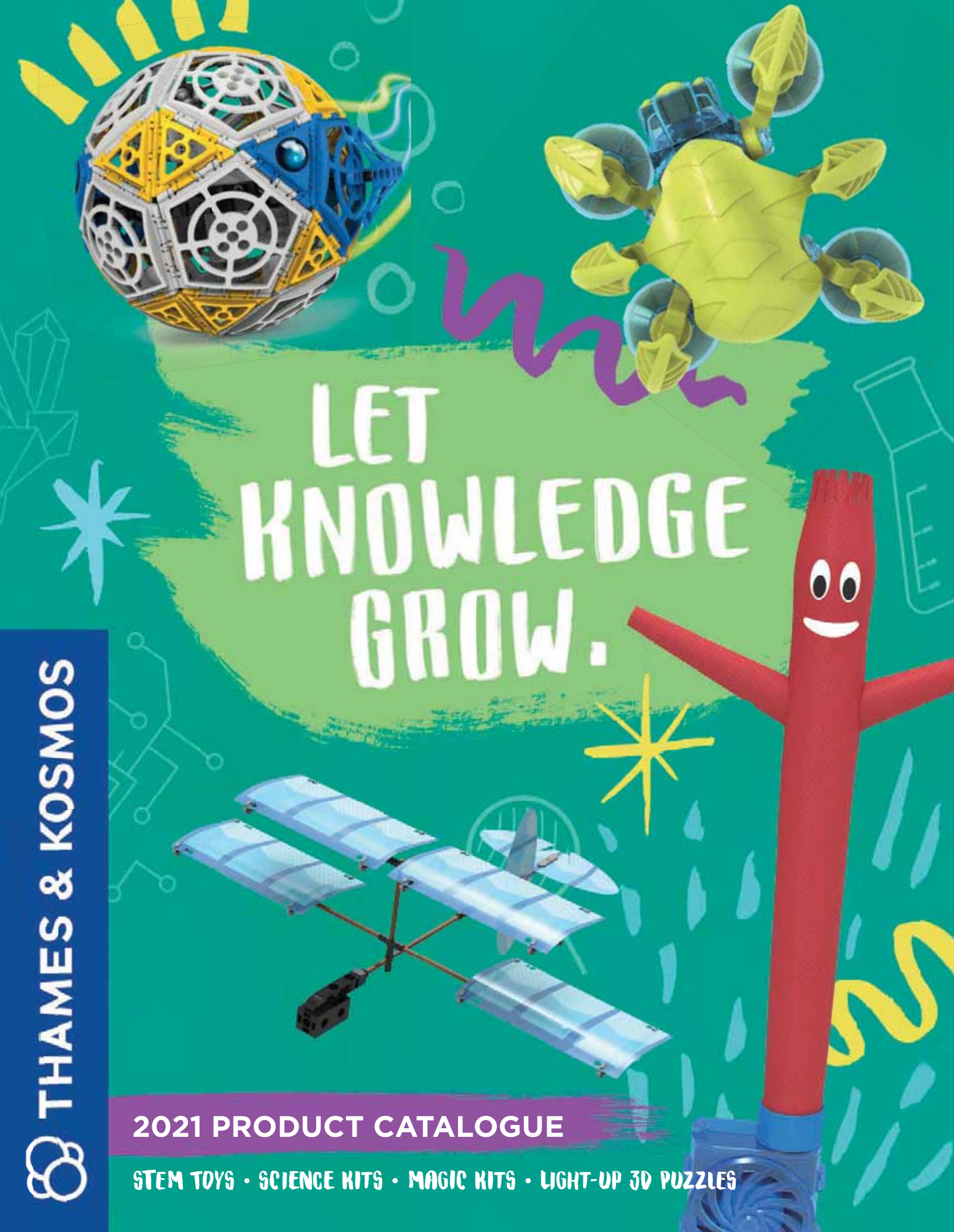




LET KNOWLEDGE GROW.

2021 PRODUCT CATALOGUE

STEM TOYS • SCIENCE KITS • MAGIC KITS • LIGHT-UP 3D PUZZLES

LET KNOWLEDGE GROW.



2020 PRODUCT CATALOGUE

STEM TOYS • SCIENCE KITS • GAMES • MAGIC KITS • GLOBES • CRAFTS

STEM EXPERIMENT HITS • MAGIC KITS • BOARD GAMES

2018 PRODUCT CATALOGUE

20 YEARS OF LEARNING AND PLAY!

Thames & Kosmos was founded in 2001 with the goal of improving informal science education outside of the classroom by publishing high-quality science kits for children of all ages. T&K's mission has since expanded from its S.T.E.M. roots to encompass other educational branches as well, including 3D light-up puzzles, as well as the panoply of thinking and social skills that can be taught through games. In 2021, we celebrate our 20th year promoting this mission. Thank you for your support over the past two decades. We are thrilled to share our new products with you and look forward to inspiring the next generation of young minds for many more years to come.

LET KNOWLEDGE GROW.

KOSMOS QUALITY AND SAFETY



More than one hundred years of expertise in publishing science experiment kits and games stand behind every product that bears the Kosmos name. Kosmos experiment kits and games are designed by an experienced team of specialists and tested with the utmost care during development and production. With regard to product safety, these products follow North American and European safety standards, as well as our own refined proprietary safety guidelines. By working closely with our manufacturing partners and safety testing labs, we are able to control all stages of production. While the majority of our products are made in Germany, all of our products, regardless of origin, follow the same rigid quality standards.

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LINE OVERVIEW

REBOTZ **NEW!**

This squad of four buildable, motorised robot pals springs into action from a heap of scrapyard parts. Conduct experiments with simple machines. Collectible and combinable

FUN & EDUCATIONAL ACTIVITY KITS

Science-themed project kits that put fun first to make learning truly approachable and entertaining. Most kits focus on making a central toy-like item to keep, play with, or gift

OOZE LABS

Fun chemistry-based science kits that range from single-experiment test tubes to huge, colourful lab stations with multiple experiments

KIDS FIRST

Introductory science kits that present science to young children, starting at age 3, and gradually prepare them for more advanced studies

PEPPER MINT

Story-based STEM kits with experiments that follow the adventures of Pepper Mint, a curious, skillful, and creative young engineer

I DIG IT!

Paleontology and geology kits with activities including excavating dinosaur replicas, fossils, and minerals; building dinosaur models; and collecting minerals

ENGINEERING MAKERSPACE

A line of engineering kits designed to combine the fun and creativity of makerspaces and cool building projects with STEM lessons

SIGNATURE SERIES

The biggest, coolest, and most comprehensive science kits, covering subjects from alternative energy to robotics. For kids and adults

SPARK SERIES

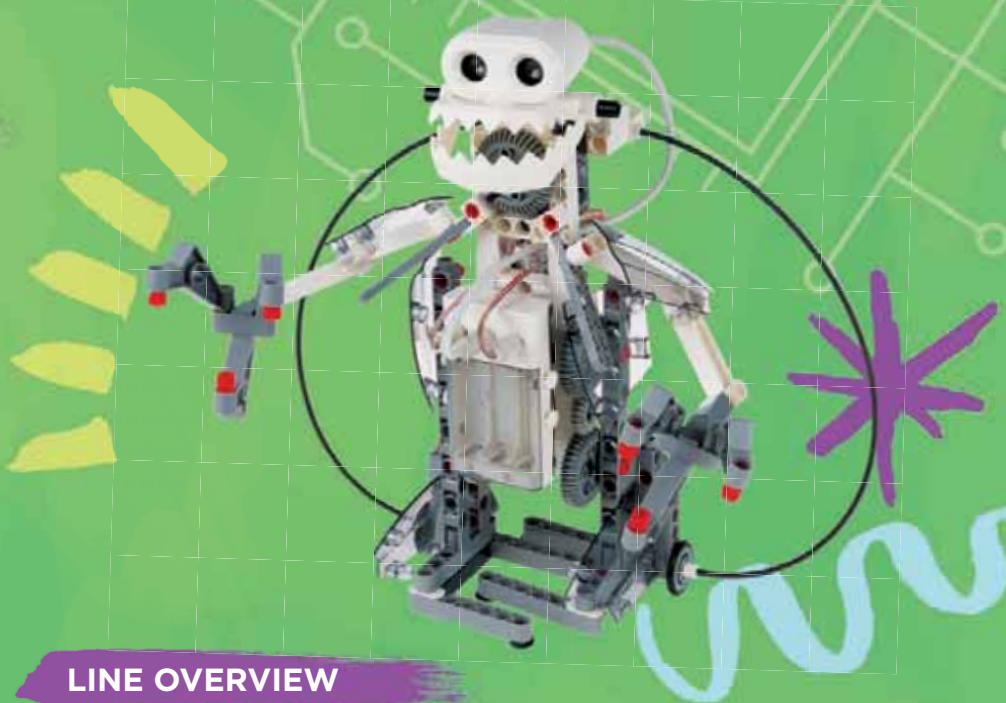
Retailing for under £10 each, these simple science kits make experiments fun, fast, easy, and inexpensive

CREATTO

Let your creativity shine through with these unique, light-up 3D puzzles

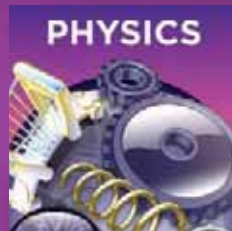
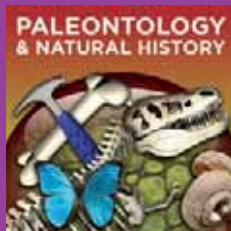
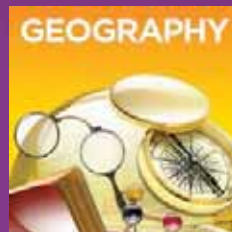
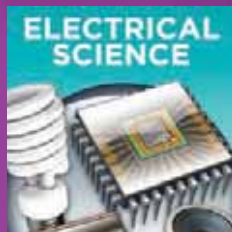
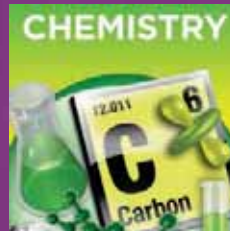
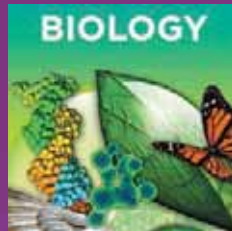
MAGIC

Comprehensive sets teach kids how to perform fun and entertaining magic tricks while they learn important life skills



STEM EXPERIMENT KITS

STEM IS... **SCIENCE**
TECHNOLOGY
ENGINEERING
MATHS



Thames & Kosmos kits offer hands-on learning through experimentation, model building, and crafting, and include comprehensive full-colour books and instructions. The kits cover relevant topics that are pertinent to the world today and provide fun and enjoyable activities for effective learning. They consist of high-quality materials and custom-designed parts and have been safety tested for North America and Europe.





ReBotz

REBOOTED ROBOTS//

WELCOME TO THE REBOOTED WORLD OF REBOTZ!

This squad of four lovable robot pals springs into action from a heap of scrapyards parts. Quickly piece together a motorised model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations. These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.

NEW
LINE!

SCAN FOR
VIDEO!



- FAST AND EASY TO BUILD
- POWERED BY AN ELECTRIC MOTOR
- COLLECTIBLE AND COMBINABLE

SCOOTZ - THE CRANKY CRAWLING ROBOT

552001 AGES 6+ RRP: £12.00 CASE PACK QTY: 6

MODELS: 1

PIECE COUNT: 26

MANUAL PAGES: 16



Robots ahoy! This crawling robot is cobbled together from two halves of an old pirate ship's wheel, and scoots along the floor on a repurposed iron and snow ski. Demonstrates cranks, cams, and motors in action.



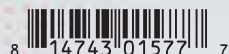
POGO - THE JAMMIN' JUMPING ROBOT

552002 AGES 6+ RRP: £12.00 CASE PACK QTY: 6

MODELS: 1

PIECE COUNT: 12

MANUAL PAGES: 16



Spring into action! This jumping robot is made from the tracks of an old snowmobile, a waffle iron, and some rubber bands. Demonstrates cams, springs, and motors in action.



HALFPIPE - THE SHREDDING SKATER ROBOT

552003 AGES 6+ RRP: £12.00 CASE PACK QTY: 6

MODELS: 1

PIECE COUNT: 13

MANUAL PAGES: 16



Ready to shred! A few clicks and Halfpipe is ready to cruise through your room on its skateboard base, using an umbrella and broom to propel itself forward. Demonstrates wheels, cams, and motors in action.



KNOX - THE WACKY WALKING ROBOT

552004 AGES 6+ RRP: £12.00 CASE PACK QTY: 6

MODELS: 1

PIECE COUNT: 13

MANUAL PAGES: 16



Knock, knock, knocking on wooden floors — this speed-walking ReBot is pieced together from a tennis racket, hammer, and the rear wheels of a tricycle. Demonstrates wheels, slider cranks, and motors in action.



FUN & EDUCATIONAL ACTIVITY KITS

STEM experiment kits with a focus on fun activities to introduce scientific topics



GRAVITY BUGS™: FREE-CLIMBING MICROBOT

550034 AGES 8+ RRP: £16.00
CASE PACK QTY: 6
MODELS: 1
PIECE COUNT: 78
MANUAL PAGES: 8

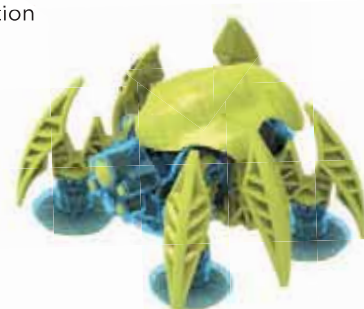


NEW!



SCAN FOR VIDEO!

Going up! Build a mighty robotic bug that defies gravity to crawl up, down, and all around windows with ease! This motorised, multi-legged machine uses an ingenious system of suction cups to walk on smooth vertical surfaces, like windows and glossy panels. Assemble the robot to learn about its inner mechanisms, including gears and an electric circuit complete with motor, battery, and switch. Then experiment to see which types of surfaces your Gravity Bug can climb best. Read about how suction cups work and how this robot climbs. This hands-on construction kit brings engineering and physics to life as it demonstrates the power of air pressure at work. An eight-panel, full-colour manual guides your model building with step-by-step illustrated instructions.



NEON GLOW LIGHTS

7616830 AGES 8+
RRP: £16.00
CASE PACK QTY: 5
EXPERIMENTS: 5
PIECE COUNT: 15
MANUAL PAGES: 8



Conduct fun and illuminating experiments with glowing substances and neon pigments! Cast your own glowing neon sidewalk chalk in fun shapes like stars, crystals, and frogs. Make flowers that glow in the dark. Mix up a glowing solution to make your own glow sticks. Observe your glowing creations under a UV flashlight (a blacklight). Learn about light, phosphorescence, and glowing materials. Includes two glowing pigments, UV flashlight, glow-in-the-dark star stickers, plaster for chalk, and tools and instructions. The box doubles as a blacklight showcase.



SQUISHY ORGANS

7616816 AGES 8+ RRP: £16.00
CASE PACK QTY: 5
EXPERIMENTS: 5
PIECE COUNT: 17
MANUAL PAGES: 8



Anatomy has never been so fun! Make a model of the human body by casting organs out of colourful slime and putty, and then arranging them in a clear plastic torso. Learn about the major organs as you mould each one: heart, brain, lungs, kidneys, stomach, large intestine, small intestine, and liver. You can even pretend to be a doctor by experimenting with a safe plastic scalpel.

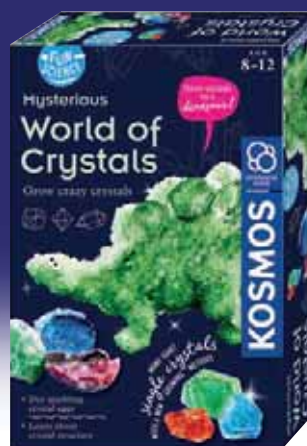
- A fun, squishy, tactile introduction to human anatomy
- Cast organs in different colours and arrange them in a transparent human body
- Stamp a brain out of putty
- Learn about the major organs



MAGIC OF MAGNETS

7616595 AGES 8+ RRP: £16.00

Experimental fun with invisible forces. Learn how to build a compass and where the magnetic poles are. With additional magnetic games.



MYSTERIOUS WORLD OF CRYSTALS

7616571 AGES 8+ RRP: £16.00

New-style crystal breeding - grow large single crystals in a short time. Grow large crystals with innovative methods. Create glittering elements in a magical crystal cave.



SALTWATER CREATURES

7616632 AGES 8+ RRP: £16.00

Set up the pool and in less than 48 hours the first salt crustaceans will start to hatch and whizz around.



SLIME GALAXY

7616618 AGES 8+ RRP: £16.00

Make extra-terrestrial slime that glows in the dark! Cool experiments with glow in the dark slime.



GLOWING CRYSTAL GEODE

550022 AGES 8+
RRP: £15.00
MANUAL PAGES: 16



Create your own crystal geode that glows in UV light! An ultraviolet flashlight with holder, as well as a display stand for the geode, are included. Display your beautiful specimen day and night and learn how crystals form!



SLIME TIME

550001 AGES 8+
RRP: £15.00
MANUAL PAGES: 16



Construct an electro-goop powered battery and use it to juice up a digital clock. Learn about electrochemical reactions, electrodes, and batteries.



INCREDIBLE, INFLATABLE AERO DANCER

550035 AGES 8+ RRP: £16.00
CASE PACK QTY: 6
EXPERIMENTS: 5
PIECE COUNT: 16
MANUAL PAGES: 8



SCAN FOR VIDEO!

Build a zany inflatable tube dancer that uses the physics of flowing air to perform its eye-catching moves. Like the air dancers and tube men you may have seen around your town, this motorised device uses a blower motor and a fabric tube to slink, shimmy, and shake around. Assemble the model to learn about its inner mechanisms, including fan and electric circuit, complete with battery, motor, and switch. Conduct four fun additional experiments that demonstrate principles in air pressure, air flow, and aerodynamics. Make a ball float on a stream of air, practice your aim in a game of air basketball, and launch balls into the air with the air cannon. This hands-on kit brings physics to life as it demonstrates the power of air pressure at work. An eight-panel, full-colour manual guides your model building with step-by-step illustrated instructions.

- Build a model that “dances” on air — over 30cm tall!
- Adjust the blower to change the dancer’s motion
- Conduct experiments to learn lessons in air pressure, airflow, and aerodynamics
- Learn about gears and circuits as you assemble the fan
- Includes fun, hands-on activities like air basketball, a floating ball trick, and an air cannon



SOLAR-POWERED ROVERS

550030 AGES 8+ RRP: £16.00
CASE PACK QTY: 4
MODELS: 5
PIECE COUNT: 54
MANUAL PAGES: 16



Want to build fun solar-powered vehicles and devices that move using electricity generated directly from sunlight? With this kit, you can construct five motorised models. Build three types of solar cars, a solar fan, and a solar robot model. Conduct science experiments with each model to learn about gear ratios, solar cells, and more. The ultralight materials, including strong bamboo rods, make your models speedy and durable. A modular gearing system lets you test out three different gear ratios.

- Experiment with a solar cell, electric motor, gears, and ultralight materials
- Build five different solar-powered models
- Learn about how solar cells work and about the energy from the sun



RUBBER BAND RACERS

550020 AGES 8+
RRP: £16.00
CASE PACK QTY: 5
MODELS: 5
MANUAL PAGES: 16

**BEST
SELLER**
FUN & EDUCATIONAL
ACTIVITY KITS



Fly into physics fun with five models driven by an awesome rubber band powered propeller. Using ultralight plastic and bamboo parts, build a helicopter, fan boat, airplane, car, and catamaran. Learn how the elastic material stores energy and then releases it to move the models.



CRYSTAL NIGHTLIGHT

550009 AGES 8+
RRP: £16.00
CASE PACK QTY: 5
EXPERIMENTS: 4
MANUAL PAGES: 16



Grow a big beautiful crystal and assemble a special platform to display it with a colour-changing LED circuit inside. Learn about crystal formation and LED technology.



ULTRALIGHT AIRPLANES

550014 AGES 8+ RRP: £16.00
CASE PACK QTY: 5
MODELS: 5
MANUAL PAGES: 16



Construct awesome flying gliders with ultralight plastic and bamboo parts. Build five different types of planes with different wing configurations to learn how wings provide lift and how planes stay up in the air.





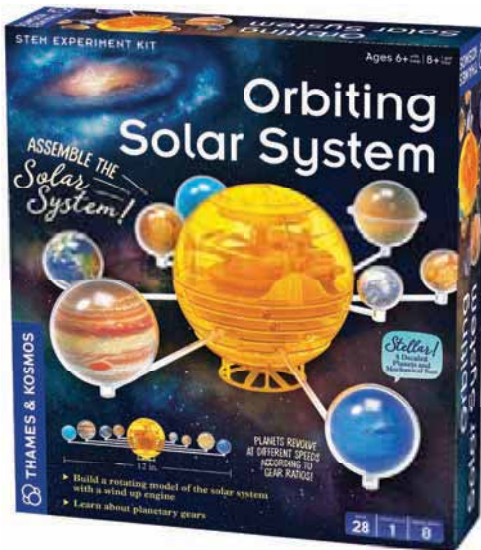
CATAPULTS & CROSSBOWS

665107-4 AGES 8+ RRP: £27.50
CASE PACK QTY: 4
MODELS: 10
PIECE COUNT: 110
MANUAL PAGES: 32

8 14743 01291 2

NEW!

It's time to get medieval on physics! Build ten sleek and updated models of catapults and crossbows. These classic siege weapons from the middle ages also happen to be great tools for teaching physics, including lessons in force, energy, motion, and projectiles. Build and experiment with five different types of crossbows. The projectile, called the bolt, has a safe foam tip and a special cross-section that prevents other projectiles from being launched.



Set the planets in motion with a flick of your wrist! Build a mechanical model of the solar system including the sun and eight planets (also known as an orrery), wind it up, and watch the planets revolve around the sun. Assemble this complex machine using snap-together plastic parts to learn how the gears and wind-up mechanism work to spin the model. Detail each planet with colourful, realistic-looking printed planet graphics. Discover how a special type of gear called a planetary gear is used to simulate the mesmerising motion of the solar system. Learn about the order of the planets, their relative sizes, their rates of revolution around the sun, their appearance, and other planetary facts. Bonus: There's a built-in expansion slot in case the mysterious Planet Nine is discovered! This kit includes full-colour step-by-step illustrated assembly instructions.

NEW!

ORBITING SOLAR SYSTEM

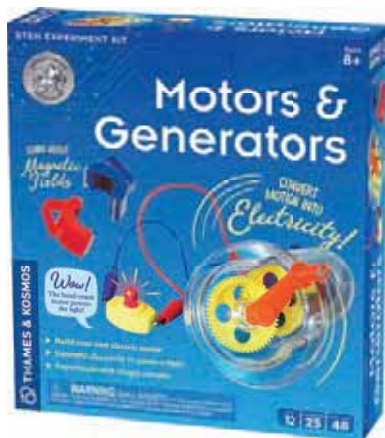
550037 AGES 6+ RRP: £27.50
CASE PACK QTY: 6
EXPERIMENTS: 1
PIECE COUNT: 28
MANUAL PAGES: 8

8 14743 01568 5



SCAN
FOR
VIDEO!

OVER 35CM
WIDE!



MOTORS & GENERATORS

665036 AGES 8+ RRP: £27.50

CASE PACK QTY: 5

EXPERIMENTS: 25

PIECE COUNT: 12

MANUAL PAGES: 48



Electric motors and generators are in countless devices, appliances, and vehicles we use every day. They are an essential technology in our modern world. With this kit, you can conduct 25 experiments to learn how an electric motor converts electricity into motion, and how an electric generator does just the opposite, converting motion into electricity. Set up the motor to run on battery power and learn how a motor works. Then reconfigure the device to work in reverse as a hand-crank electric generator.



MAGNETIC SCIENCE

665050 AGES 8+ RRP: £27.50

CASE PACK QTY: 5

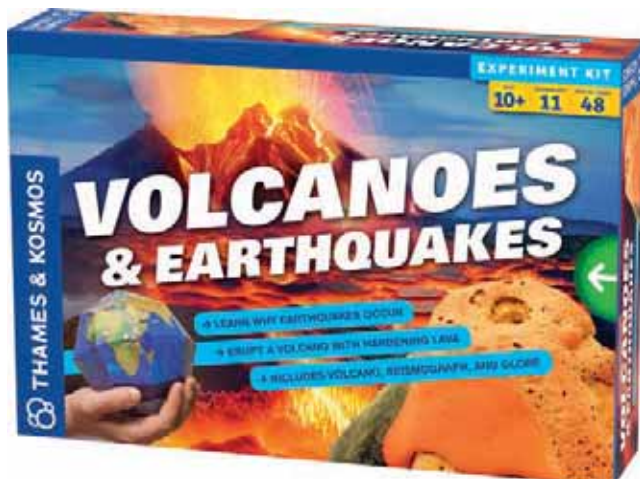
EXPERIMENTS: 33

PIECE COUNT: 42

MANUAL PAGES: 48



This science experiment kit contains many magnets of different shapes and sizes, and a variety of other components with which you can explore this classic scientific subject. Experiment to determine which materials are magnetic and which are not. Learn about magnetic poles and magnetic fields. Conduct a series of experiments to learn firsthand how magnets behave and interact under different conditions.



VOLCANOES & EARTHQUAKES

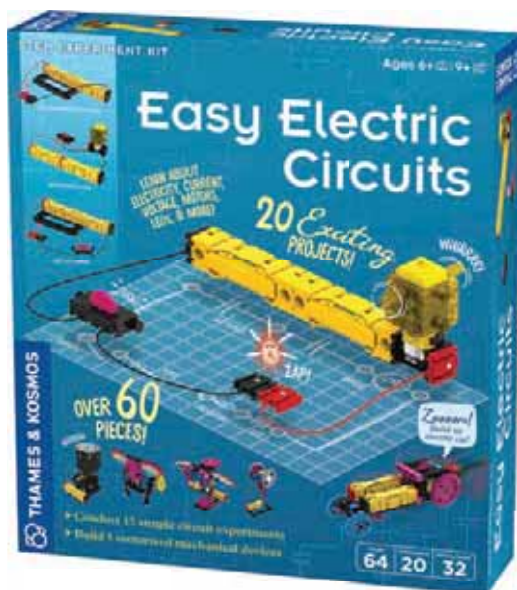
665081 AGES 10+ RRP: £27.50

EXPERIMENTS: 10

MANUAL PAGES: 48



Build and erupt a model volcano with plaster based "lava" that hardens after each eruption. The volcano can be erupted multiple times, and the volcanic cone builds up with each eruption, like a real volcano. Learn about the different types of volcanoes. Build a working seismograph, and fake some 'quakes to see for yourself how scientists measure earthquake forces.



EASY ELECTRIC CIRCUITS

550041 AGES 8+ RRP: £27.50

CASE PACK QTY: 6

PIECE COUNT: 64

MANUAL PAGES: 32

NEW!



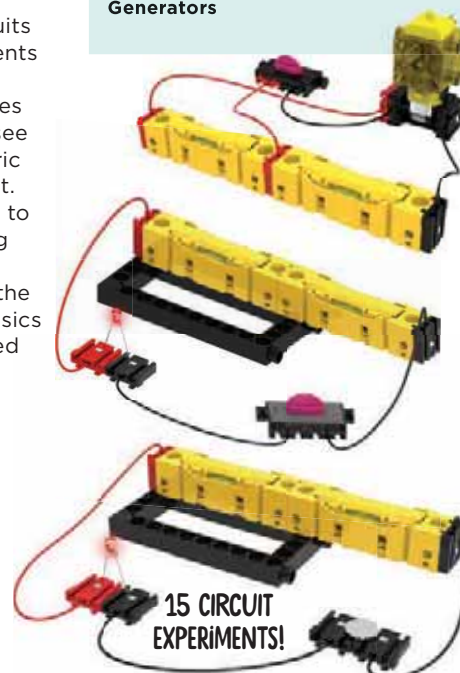
The essential circuitry experiment kit!

Explore the science of electricity in a fun, hands-on way by building 20 electric circuits and motorised devices. Conduct experiments to learn about the many electrical components and physical science principles firsthand. From circuit to circuit, you can see for yourself the different effects the electric current has on the motor and the LED light. The innovative building system allows you to easily piece together the circuits by sliding the connectors together, and then easily sliding them apart when it's time to build the next circuit. After you have learned the basics of circuits, you can build five fun, motorised models that perform cool functions!

- Learn about circuits, conductivity, voltage, current, motors, LEDs, switches, batteries, and more
- Conduct 20 experiments with electric circuits and motorised mechanical devices

Topics Covered Include ...

Electricity	Series circuits
Electrical current	Parallel circuits
Electronics	Short circuits
Electric circuits	Voltage
Polarity	Current
Circuit diagrams	Switches
Motors	Generators
Batteries	Conductors
LEDs	Insulators
Resistors	Electrical devices
Switches	Electric cars
Generators	



SCAN FOR VIDEO!



5 MOTORISED MODELS!



SIMPLE MACHINES

665069 AGES 8+ RRP: £27.50

CASE PACK QTY: 5

EXPERIMENTS: 26

PIECE COUNT: 132

MANUAL PAGES: 32



Jumpstart your study of mechanical physics by learning all about simple machines and how they're used to make complex tasks easier to do. Through 26 model-building exercises, you'll investigate all six classic simple machines — wheels and axles, levers, pulleys, inclined planes, screws, and wedges — as well as gears. Also included is a specially designed spring scale so that you can measure how the machines change the direction and magnitude of forces, making work easier to do.

BEST SELLER
FUN & EDUCATIONAL ACTIVITY KITS



GENETICS & DNA LAB

665007 AGES 10+ RRP: £27.50

CASE PACK QTY: 6

EXPERIMENTS: 20

PIECE COUNT: 40

MANUAL PAGES: 48



Head into the lab for an in-depth investigation of genetics, the branch of biology focused on heredity and variation in organisms, and DNA, the acid that holds the blueprints for life. See genetic material with your own eyes as you isolate the DNA from a tomato in a test tube. Investigate inheritance and learn how traits are passed down from parents to children. Learn about dominant and recessive genes and play inheritance games to determine how traits will be expressed.

NEW!



CHEMISTRY C500

665012 AGES 10+ RRP: £27.50

CASE PACK QTY: 5

EXPERIMENTS: 28

PIECE COUNT: 18

MANUAL PAGES: 48



Learn about reactions between solids, liquids, and gases. Discover the colourful effects of acids and bases. Perform astonishing "magic" tricks for your friends. Make fizzy and foamy reactions. Write messages with invisible ink. Investigate metals and salts in electrochemical experiments with a 9-volt battery (not included). Learn for yourself how chemistry goes far beyond textbooks and laboratories to explain occurrences that happen around us every day.





**Slippery, Slimy,
Goopy, Oozy,
Awesome
Chemistry!**

The Ooze Labs series is designed to introduce kids to chemistry in a fun and playful way. From single-experiment test tubes to the huge chemistry station, kids can safely explore chemistry with non-toxic chemicals and fun lab equipment.



OOZE LABS ALIEN SLIME LAB

642106 AGES 6+ RRP: £25.00
CASE PACK QTY: 4
EXPERIMENTS: 10
PIECE COUNT: 28
MANUAL PAGES: 24



As lead chemist in your very own out-of-this-world laboratory, it's your job to identify UFOs — Unidentified Funky Oozes! Set up and use your lab station — separately or as an extension of the Ooze Labs Chemistry Station — to mix up batches of unidentified “alien” slime and conduct tests on them to analyse and investigate their special properties.



OOZE LABS CHEMISTRY STATION

642100 AGES 8+ RRP: £35.00
CASE PACK QTY: 3
EXPERIMENTS: 20
PIECE COUNT: 57
MANUAL PAGES: 16



Grab your beakers and test tubes and step up to your special laboratory station for some exciting chemistry experiments. See how much fun chemistry can be as you do slimy, fizzy, colourful, and bubbly experiments. This cool laboratory setup has lots of different vessels and pieces of lab equipment so kids can play the role of chemist while doing real, safe experiments.

**BEST
SELLER**
OOZE
LABS



**HUGE LAB
SETUP!**

Combine both Ooze Lab
stations to
create the ultimate
laboratory!



FOC 25-UNIT POP DISPLAY

AGES 6+
25 UNITS RRP: £100.00 EACH
(includes product and
POP display)





Kids First is a line of science kits that allow parents to introduce scientific topics and hands-on empirical learning to young children, starting at age three, and gradually prepare them for more advanced science kits and schoolwork.

LEVEL 1

- Ages 3 to 5
- Storybook style manuals
- Simple activities
- Pretend play
- Answering “How does...?” and “Why is...?” questions

LEVEL 2

- Ages 5 to 7
- Highly illustrated manuals
- Simple experiments
- Intro to scientific method
- Basic scientific principles

LEVEL 3

- Ages 8+
- Fully fledged T&K manuals
- Serious experiments
- In-depth explanations
- Longer experiences

KIDS FIRST CODING & ROBOTICS

567012 AGES 4-8 RRP: £100.00
CASE PACK QTY: 3
EXPERIMENTS: 30
PIECE COUNT: 417
MANUAL PAGES: 64



This robot kit teaches coding principles and skills to children in grades K-2 without the use of a tablet, smartphone, or computer! An OID optical scanner in the robot reads a sequence of physical code cards and loads the program. A detailed manual guides kids through 30 coding lessons and the assembly of many different robot models.

BEST SELLER
KIDS FIRST



LEVEL 1

KIDS FIRST CODING & ROBOTICS CHALLENGE PACK 1

567013 AGES 4-8 RRP: £22.50
CASE PACK QTY: 3
MODELS: 8
PIECE COUNT: 98
MANUAL PAGES: 20



Add more robotic creations to Sammy's world! This add-on pack for Kids First Coding & Robotics introduces eight new mechanical robots with engineering challenges to perform with each one. These new models, including a bulldozer, scissor lift, plough, and hammer, offer up new stories and scenarios for you to apply your growing coding knowledge to. Can you build a catapult to shoot a ball into a basket? Can your forklift robot retrieve an object? Can your robotic claw extend and grip something just out of reach?

Includes all the pieces needed to build the new models, and six map cards. The robotic base unit, code cards, and map cards from Kids First Coding & Robotics are also required.



LEVEL 1





SCIENCE LABORATORY

567005 AGES 3+ RRP: £38.00
CASE PACK QTY: 4
EXPERIMENTS: 10
PIECE COUNT: 25
MANUAL PAGES: 16



LEVEL 1



Preschoolers have a natural curiosity to explore and learn about the world around them. This kit includes 24 large plastic scientific tools to ensure long-lasting fun and exploration. A 16-page, full-colour manual explains to adult supervisors how these tools should be presented to children, while illustrated experiment cards visually guide children as they observe and play.



ROBOT ENGINEER

567009 AGES 3+ RRP: £38.00
CASE PACK QTY: 4
MODELS: 10
PIECE COUNT: 53
MANUAL PAGES: 32



LEVEL 1



BEST
SELLER
KIDS
FIRST

Read the funny story of two inquisitive kids, Ty and Karlie, and build simple, non-motorised models of the robots they construct and fix during their adventure to an automated sweet factory. Includes durable storage case and storybook manual.



AUTOMOBILE ENGINEER

567006 AGES 3+ RRP: £38.00
CASE PACK QTY: 4
MODELS: 10
PIECE COUNT: 70
MANUAL PAGES: 32



LEVEL 1



Read the story of two inquisitive kids, Ty and Karlie, and build simple models of the vehicles they encounter on their comical trip to the supermarket with their Dad. Includes durable storage case and storybook manual.



ROBOT FACTORY: WACKY, MISFIT, ROGUE ROBOTS

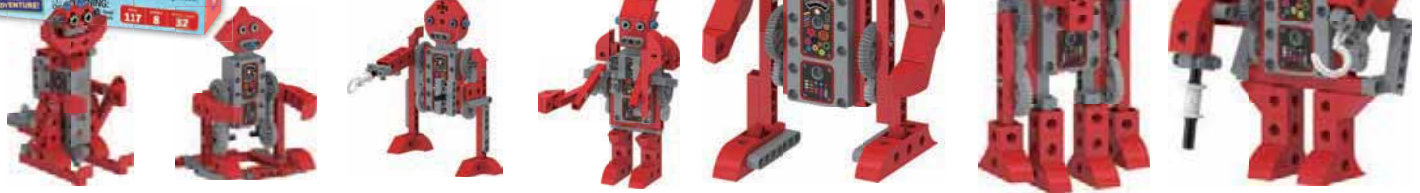
567016 AGES 5-7 RRP: £25.00
CASE PACK QTY: 4
MODELS: 8
PIECE COUNT: 117
MANUAL PAGES: 32

LEVEL 2



**BEST
SELLER**
KIDS
FIRST

In this engineering adventure, the Omega family takes a trip to a robot factory where the robots have gone rogue! One by one, the wacky, motorised robots are fixed up and put back into working order, with the help of the Omegas — and you! As you follow the illustrated storybook manual, you can build the robots too and get a fun introduction to mechanical engineering.



ROBOT PET SHOP: OWLS, FRENCH BULLDOGS, SLOTHS, AND MORE!

567015 AGES 5-7 RRP: £25.00
CASE PACK QTY: 4
MODELS: 8
PIECE COUNT: 107
MANUAL PAGES: 32



LEVEL 2

Join an engineering adventure with the Omega family! On a trip to a robotic pet shop, they encounter all sorts of cute robotic pets, including an owl, French bulldog, sloth, panda, and more! Read along with the illustrated storybook manual and build the models yourself. Then, experiment with them to see how each one uses the battery-powered motor and mechanical parts to move in a different way.



ROBOT SAFARI

567014 AGES 5-7
RRP: £25.00
CASE PACK QTY: 4
MODELS: 8
PIECE COUNT: 146
MANUAL PAGES: 32



LEVEL 2

**BEST
SELLER**
KIDS
FIRST



With the 32-page illustrated storybook manual, kids ages five and up can follow the Omega family's robotic teddy bear, Remus, on a fun-filled safari adventure. As Remus travels across the globe, he meets a variety of robotic animals. As they read the story, kids can follow the step-by-step instructions for building motorised models of the animals from the story: a polar bear, cat, narwhal, crab, fox, llama, unicorn, and sea otter.



THE HUMAN BODY

567003 AGES 5-7 RRP: £29.00
CASE PACK QTY: 5
EXPERIMENTS: 26
PIECE COUNT: 32
MANUAL PAGES: 48



LEVEL 2



Learn about the human body by doing experiments with your five senses that show you how your body works.

- Explore the external aspects of the human body with hands-on experiments
- Learn about fingerprints, hearing, your skin and sensory receptors, the heart, stomach, lungs and more
- Easy-to-follow illustrated instructions



STEPPING INTO SCIENCE

567001 AGES 5-7 RRP: £29.00
CASE PACK QTY: 5
EXPERIMENTS: 29
PIECE COUNT: 58
MANUAL PAGES: 48



LEVEL 2

Begin a lifetime of scientific investigation with 29 fun hands-on experiments.

- Introduction to scientific inquiry for preschoolers and kindergartners
- Learn about plants, physics, chemistry, air, and water
- Easy-to-follow illustrated experiments



INTRO TO ENGINEERING

567002 AGES 5-7 RRP: £29.00
CASE PACK QTY: 5
EXPERIMENTS: 21
PIECE COUNT: 70
MANUAL PAGES: 48



LEVEL 2

This kit welcomes young children to the field of engineering with 21 experiments and building projects.

- Experiment with simple machines like levers and pulleys
- Conduct engineering projects on land, in the air, and in the water
- Step-by-step illustrated instructions



WEATHER SCIENCE

606114 AGES 5-7 RRP: £13.50
EXPERIMENTS: 10
MANUAL PAGES: 14



Investigate weather with experiments on wind, rain, storms, clouds, temperature, evaporation, pressure, and more.



LEVEL 2

STARS AND PLANETS

606916 AGES 5-7 RRP: £13.50
EXPERIMENTS: 11
MANUAL PAGES: 14



Explore space by building a solar system, making moon craters and constellations, launching rockets, and testing to see which planets could support life.



LEVEL 2

PLANTS SCIENCE

606115 AGES 5-7 RRP: £13.50
EXPERIMENTS: 11
MANUAL PAGES: 14



Experiment with leaves, seeds and roots. Watch a plant grow through a maze and learn what it takes for seeds to grow.

LEVEL 2



KIDS FIRST CHEMISTRY SET

642921 AGES 8+ RRP: £36.00
CASE PACK QTY: 4
EXPERIMENTS: 27
PIECE COUNT: 26
MANUAL PAGES: 48



LEVEL 3

Kick off a chain reaction of fun-filled experiments with this introductory chemistry set designed specifically for young kids. Junior chemists can safely explore simple chemistry using the tools in this kit and common household substances from the kitchen, bathroom, and laundry room.





ANIMAL ANATOMY

These fun 3D models offer an insight into animal anatomy and inspire children to learn about our world and the creatures that live on it.

Each Animal Anatomy set includes a detailed model with detachable parts that can be easily assembled to show the internal organs and bone structure of an animal along with a fun and informative instruction manual providing facts about each animal and its habitat.

GREAT WHITE SHARK

261110 AGES 8+ RRP: £28.00

MANUAL PAGES: 8



TIGER

261050 AGES 8+ RRP: £28.00

MANUAL PAGES: 8

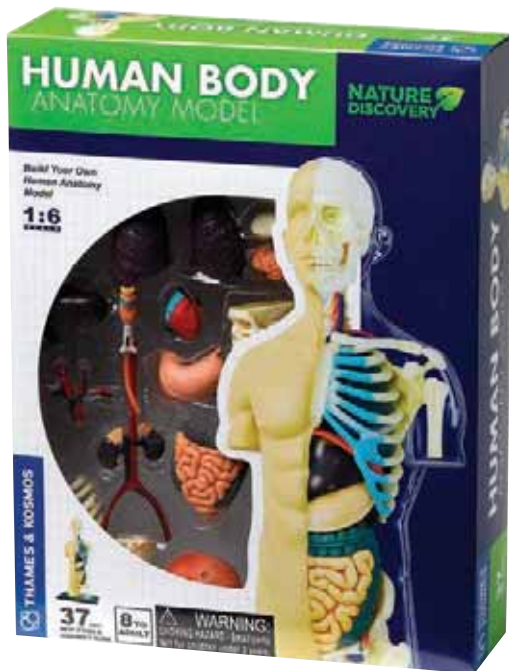


SCORPION

261130 AGES 8+ RRP: £28.00

MANUAL PAGES: 8





HUMAN ANATOMY

260830 AGES 8+ RRP: £28.00

MANUAL PAGES: 8



5 060282 510746

This detailed model teaches inquisitive biologists about human anatomy.

Each kit includes a detailed model with detachable parts that can be easily assembled along with a fun and informative instruction manual providing mind blowing facts!



HUMAN PREGNANCY TORSO

260840 AGES 8+ RRP: £28.00

MANUAL PAGES: 8



5 060282 511163

With this detailed model inquisitive biologists can learn about human pregnancy.

Each kit includes a detailed model with detachable parts that can be easily assembled along with a fun and informative instruction manual providing mind blowing facts!



ANIMAL ANATOMY

Each Animal Anatomy set includes a detailed model with detachable parts that can be easily assembled to show the internal organs and bone structure of an animal along with a fun and informative instruction manual providing facts about each animal and its habitat.

TARANTULA

261120 AGES 8+ RRP: £28.00

MANUAL PAGES: 8



GORILLA

260900 AGES 8+ RRP: £28.00

MANUAL PAGES: 8



GIRAFFE

261060 AGES 8+ RRP: £28.00

MANUAL PAGES: 8





MY DISCOVERY TRIOPS

510449 AGES 8+ RRP: £25.00

MANUAL PAGES: 32



Triops are Crustaceans that are known from fossil records to have existed up to 300,000,000 years ago. This starter kit contains everything you need for successfully hatching Triops eggs - including feed and complete facilities for rearing and observation - so you can be close to the action when the small crustaceans hatch. In only a few days, they will hatch, change their armour and dart through the water.

Our guarantee: Triops eggs in all Thames & Kosmos sets come exclusively from controlled and sustainable laboratory breeding and are not taken from the wild.



MY DISCOVERY GIANT TRIOPS

510869 AGES 8+ RRP: £30.00

MANUAL PAGES: 32



The European species of Triops (Triops cancriformus) can grow up to three times the size of Triops longicaudatus! Watch on with amazement as these prehistoric crustaceans grow and learn how they have survived for millions of years. This kit contains all you need to hatch, feed, observe and breed your own Triops!

SEA DOGS EXTREME

510187 AGES 8+ RRP: £25.00

MANUAL PAGES: 32



NEW!

Discover how these prehistoric crustaceans can survive in the most extreme environments. Grow plants that can grow in salty soil and watch as the creatures grow rapidly and whizz through the water!



MY DISCOVERY TELESCOPE

676919 AGES 6+ RRP: £16.50

CASE PACK QTY: 12

EXPERIMENTS: 1

PIECE COUNT: 1

MANUAL PAGES: 1



An entry-level telescope with 12x magnification power! The perfect, portable tool for young explorers to make sky and land observations. View the moon's surface, animals in your backyard, and more!



MY DISCOVERY 3D MICROSCOPE

510463 AGES 8+ RRP: £90.00

MANUAL PAGES: 32



Using this Binocular Microscope to view in 3D is a complete eye-opener! The 3D visuals make even the tiniest details really come into their own! Whole objects can be placed under the lens: - Rocks, flowers, flies or even banknotes can be viewed straight away without any complex or lengthy preparation.

Just place on the object stage and view! The reliable mechanics, LED Light and high-quality coated glass lenses all guarantee precise focussing and clear examination of the objects. With x5 and x10 Ocular lenses and general sampling kit.



Immerse yourself in a playful, imaginative world of STEM stories. Pepper Mint is an award-winning line of STEM kits with experiments and activities that follow the adventures of Pepper Mint, a curious, skillful, and creative young engineer. The experiments are presented in storybook manuals with beautiful illustrations and step-by-step instructions. As you read the stories of Pepper Mint's adventures, you do the same projects and experiments that she does in the story. After assembly, the large wooden models become playsets where a child's imagination can run free.

Pepper Mint



THE GREAT TREEHOUSE ENGINEERING ADVENTURE

626020 AGES 8+ RRP: £35.00

CASE PACK QTY: 4

EXPERIMENTS: 9

PIECE COUNT: 61

MANUAL PAGES: 32



8 14743 01353 7



In this story-based STEM kit, Pepper Mint visits her aunt who is a scientist living in a treehouse on the island of Borneo. They use lessons in physics to build equipment like a pulley, zip line, catapult, and more. The kit includes materials to build the treehouse and do the projects as well as an illustrated storybook manual and scale Pepper Mint figurine.



THE FANTASTIC UNDERWATER SCIENCE VOYAGE

626037 AGES 8+ RRP: £30.00

CASE PACK QTY: 4

EXPERIMENTS: 9

PIECE COUNT: 38

MANUAL PAGES: 32



8 14743 01354 4



In this story-based STEM kit, Pepper Mint accompanies a research expedition to the Bermuda Triangle. Using lessons in mechanical physics, electric circuits, and physical science principles related to air and water, Pepper Mint experiments with powering simple machines with the help of water. The kit includes materials to build a boat and do the projects as well as an illustrated storybook manual and scale Pepper Mint figurine.



THE DARING ESCAPE FROM HIDDEN ISLAND

626039 AGES 8+ RRP: £25.00

CASE PACK QTY: 4

EXPERIMENTS: 7

PIECE COUNT: 11

MANUAL PAGES: 24



8 14743 01422 0

In this story-based STEM kit, you can join our curious young scientist on her quest. First, you'll use colourfully printed wooden panels to build an island experiment-and-play station. Then, it's time to follow along with the storybook-style manual to conduct the experiments Pepper Mint performs. Through the projects, you will thoroughly investigate the topic of solar energy and its useful applications.



THE MAGNIFICENT MARS EXPEDITION

626038 AGES 8+ RRP: £25.00

CASE PACK QTY: 4

EXPERIMENTS: 7

PIECE COUNT: 16

MANUAL PAGES: 24



8 14743 01421 3

Pepper Mint's adventures continue, this time in space! In this story-based STEM kit, our creative young heroine goes on a mission to the Red Planet, making all sorts of out-of-this-world scientific discoveries along the way. As you read the story, you can embark on a scientific journey as well. First, you'll use colourfully printed wooden panels to construct your own models of Pepper's rocket ship experiment-and-play station and Mars rover. Then, it's time for the experiments: From floating astronauts to magnetic slime, Pepper Mint accompanies you every step of the way!



I DIG IT!

DINOS! FOSSILS! ROCKS!

Discover paleontology and geology! The I DIG IT! series includes a variety of excavation and model kits featuring scientifically accurate dinosaur models, real mineral and fossil specimens, and quality educational materials.



I DIG IT! ALIENS - METEORITE EXCAVATIONS

601959 AGES 5+
RRP: £2.95 EACH
CASE PACK QTY: 1
MANUAL PAGES: 12



Who's ready to dig for ... aliens?! In this new, playful take on the classic dig-out kit, you'll chisel your way through a meteorite model to find a rocketship capsule containing one of 12 sticky alien figures as well as some oozy slime! After excavating, you can fling the alien at a window and watch it crawl down! In addition to instructions and tips for excavating, the 12-panel manual details the origin story of these wacky little aliens and shares some funny characteristics for each one. Includes plastic chisel tool.

- **Surprise collectible!** Chisel away at the meteorite to find out which of the 12 different extraterrestrial friends is hidden inside
- **Fling your alien at a window and watch it crawl down!**
- **Includes 12-panel manual with fun and wacky info about the aliens**



**BEST
SELLER**
I DIG IT!

I DIG IT! DINOS - DINO EGGS

4 002051 665159
1665159 AGES 5+ RRP: £2.00
EACH
MANUAL PAGES: 12

**12
DIFFERENT
DINOSAURS**

Each of these fun, low-priced dino egg excavation kits contains one plastic dinosaur model. The eggs are blind-packed, so it's a surprise which of the 12 dinosaur figures you will get. A small chisel tool for digging the dinosaur out of the egg and an instruction manual are included. The display holds 24 assorted dino eggs.



GIANT DINOSAUR SKELETON KIT

632120 AGES 6+ RRP: £30.00 CASE PACK QTY: 5
PIECE COUNT: 2
MANUAL PAGES: 8



Build a 26-inch-long scale model of a *T. rex* skeleton and get exciting insights into this creature's anatomy. The full-color manual includes step-by-step assembly instructions and information about dinosaurs, prehistoric times, and fossil formation.



**More Than
60cm Long!**

ROBOTICS SIGNATURE KITS



ROBOTICS: SMART MACHINES - SUPER SPHERE

620384 AGES 8-14 RRP: £110.00
CASE PACK QTY: 4
MODELS: 8
PIECE COUNT: 182
MANUAL PAGES: 60

NEW!



Build an awesome, 22cm diameter, rolling robotic sphere and six other robot models. Drive your robots using the remote-control interface in the included app, which you can install on your tablet or smartphone. Or write programs for your robots using an easy, visual programming language in the app. The onboard sound sensor lets you program your robots to perform specific sequences of commands in response to the number of claps (or other very loud sounds) that it detects.

Robotics is a vast and thrilling interdisciplinary field involving physics, engineering, and computer science. This kit gives kids a simple, fun, and customisable introduction to robotics that lets them build seven motorised machines controlled by programs and a sound sensor. In addition to the Super Sphere, build a robot with two jumbo-sized wheels, a Bigfoot bot, a penguin, a horseshoe crab, a dancing robot, and your own robotic game of cornhole. Each robot comes with a preset program which you can run immediately after building it. A full-colour, 60-page, step-by-step illustrated manual helps you assemble all of the models and includes information about robotics in the real world. In addition to the robotics experiments, you can conduct hands-on experiments in three-dimensional geometry.

The free app connects to the robot models via a wireless Bluetooth connection. In the programming mode of the app, the visual programming language allows you to command the robots' motors to move for different lengths of time, at different power levels, and in different directions. You can also program the app to play simple melodies. Program up to four unique sequences of commands in each individual program, and save up to 24 individual programs in the app. When a program is running, the number of claps detected by the sound sensor determines which of the four sequences your robot will perform. For example, you could program your robot to drive in a circle at the sound of two claps, or in a straight line at the sound of three claps. What will you command your robots to do?! Requires a tablet or smartphone running iOS or Android. Check the app stores for compatibility and device requirement.



SCAN
FOR
VIDEO!



Free app

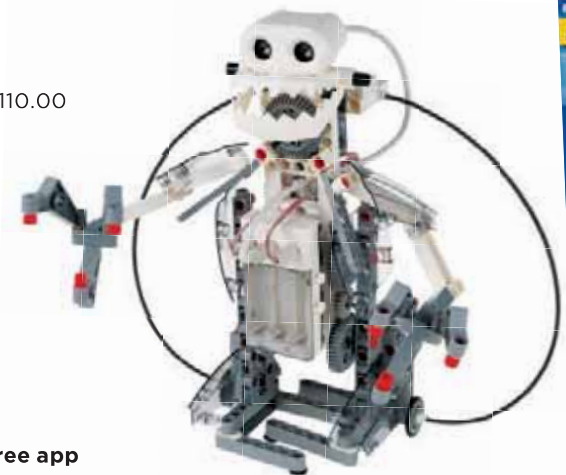


ROBOTICS: SMART MACHINES

620375 AGES 8-14 RRP: £110.00
CASE PACK QTY: 3
MODELS: 8
PIECE COUNT: 230
MANUAL PAGES: 64



Free app



This kit gives kids a simple, fun, and customisable introduction to robotics that lets them build eight motorised machines controlled by programs and an ultrasound sensor. Build a humanoid robot that walks forward on two legs and pivots to avoid obstacles in its path. Code the programs using an easy, visual programming app on a tablet or smartphone, which connects to the robot models via a wireless connection.

THE AMAZING TIGHTROPE-WALKING GYROBOT

620302 AGES 6-14 RRP: £35.00
CASE PACK QTY: 4
EXPERIMENTS: 8
PIECE COUNT: 43
MANUAL PAGES: 24



A robot fit for the circus! With this kit, you can build a robot that walks, step by step, along a tightrope. How? Thanks to the robot's main component, a gyroscope, it can maintain its balance and perform this fun trick without falling over! Through eight experiments, you can explore the astonishing powers of the motorised gyroscope and understand the physics behind its amazing behaviors.

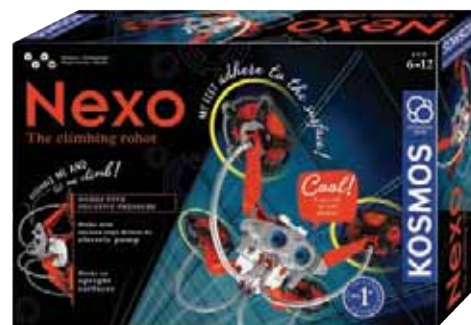


NEXO

620390 AGES 8+ RRP: £30.00
CASE PACK QTY: 5
MODELS: 5
PIECE COUNT: 75
MANUAL PAGES: 24



A robot that defies gravity?! That's what you get with NEXO, a four-legged bot that uses an ingenious system of suction cups and pumps to crawl along smooth, vertical surfaces like windows. A follow-up to the award-winning Geckobot STEM experiment kit, NEXO uses technology similar to that found in its reptilian predecessor, but with easier assembly.



ROBOTICS WORKSHOP

620377 AGES 10+ RRP: £200.00
CASE PACK QTY: 3
MODELS: 10
PIECE COUNT: 306
MANUAL PAGES: 64



Free app



Build and program robots with this complete robotics engineering system. Using sensors, motors, a core controller, and hundreds of snap-together building pieces, you can follow the instructions to assemble 10 different robots. The versatile parts also allow you to make robots according to your own designs.



CODEGAMER

620141 AGES 10+ RRP: £130.00
CASE PACK QTY: 3
EXPERIMENTS: 34
PIECE COUNT: 47
MANUAL PAGES: 64



This kit introduces you to programming in a fun, step-by-step way. Using an Arduino-compatible gamepad and four interchangeable sensor modules, you play through a video game app on your tablet. In each level of the game, you learn a piece of the Arduino programming language and how to use it in order to solve puzzles and challenges and move forward in the game. In this way, you are learning the basics of coding.



ELECTRONICS: LEARNING CIRCUITS

615819 AGES 8+ RRP: £50.00
EXPERIMENTS: 70
PIECE COUNT: 55
MANUAL PAGES: 64



Construct circuits with colourful electric building blocks to learn about electricity and how electronic devices work. With the innovative snap-together blocks in this kit, children eight and up can safely and easily begin experimenting with electronic circuits. These building blocks are specially designed to make learning electronics fun and accessible.

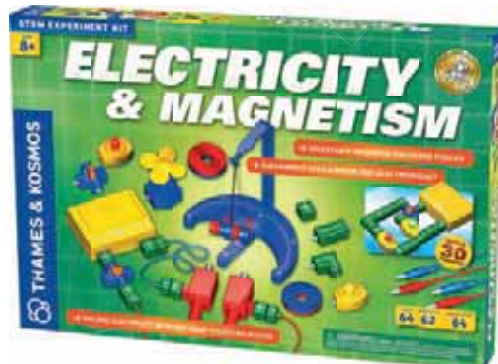


ELECTRICITY & MAGNETISM

620417 AGES 8+ RRP: £50.00
CASE PACK QTY: 5
EXPERIMENTS: 62
PIECE COUNT: 64
MANUAL PAGES: 64



Conduct more than 60 electrifying experiments with circuits and magnetic contraptions to learn about electricity and magnetism, and how these two fundamental properties are closely related. Children eight and up can safely and easily experiment with electric current and magnetic fields using the colourful snap-together blocks and components in this hands-on kit.



ENGINEERING MAKERSPACE

Engineering Makerspace combines the fun and creativity of makerspaces with STEM lessons. The line includes a range of kit sizes and price points, from simple five-model kits to a large, 22-model extreme engineering experience. The modular construction system is compatible with the construction system used in Thames & Kosmos physics and engineering kits.



KINETIC MACHINES

1665128 AGES 6+ RRP: £16.00

MODELS: 5

PIECE COUNT: 108

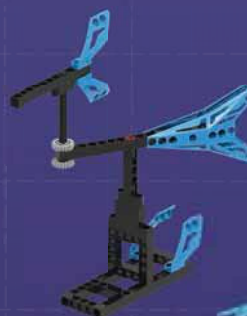
MANUAL PAGES: 24



**BEST
SELLER**
ENGINEERING
MAKERSPACE



Make five awesome machines and learn about the physics of force, motion, and energy. Models include a rubber band-powered car, a catapult, and more. The detailed manual guides your model building and experiments.



GEARED-UP GADGETS

1665111 AGES 8+ RRP: £16.00

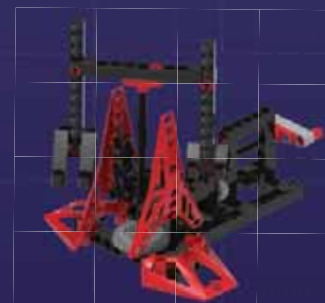
MODELS: 5

PIECE COUNT: 114

MANUAL PAGES: 24



Build five fun gadgets and learn about gears and transmissions! Models include a helicopter, spinner toy, hand-mixer, and more. The detailed manual guides your model building and experiments.





TERRAIN WALKERS

555064 AGES 6+ RRP: £24.50
 MODELS: 8
 PIECE COUNT: 134
 MANUAL PAGES: 44

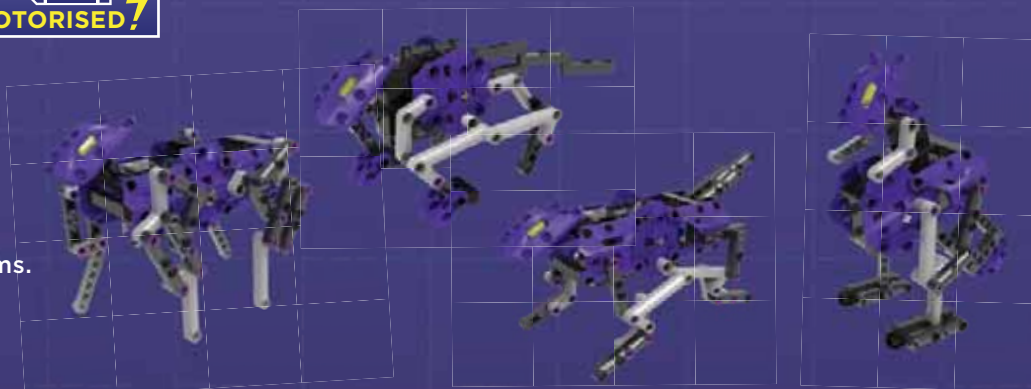


**BEST
 SELLER**
 ENGINEERING
 MAKERSPACE



Get hands-on with physics and engineering by constructing eight awesome walking machines! Explore the workings of gear trains, linkages, and intermittent gears as you create complex walking devices. Each model moves in a different way. For example, the four-legged terrain-walker bot keeps its body level as it moves step by step, while the kangaroo-bot hops forward on two legs. The leopard-bot has four long legs while the wild boar has four short legs. The fairy shrimp model wriggles along on swimmerets while the monkey model uses its arms to crawl along a string.

- Construct eight cool machines that move in different ways.
- Gain hands-on experience building mechanical devices.
- Learn about complex geared systems.
- Battery-powered motor box



ALIEN ROBOTS

1665135 AGES 8+ RRP: £24.50
 MODELS: 10
 PIECE COUNT: 138
 MANUAL PAGES: 40



Construct ten out-of-this-world machines and learn about the physics of levers and linkages. A battery-powered motor box powers the models. Build a creepy slithering alien snake-bot with rotating arms and articulating tail or an alien insectoid-bot that crawls on six legs. The detailed manual guides your model building and experiments.



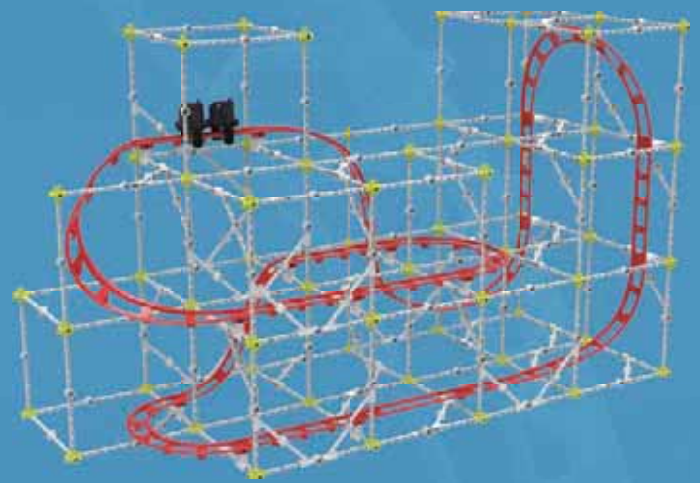
OFF-ROAD ROVERS

1665142 AGES 8+ RRP: £24.50
 MODELS: 10
 PIECE COUNT: 118
 MANUAL PAGES: 40



Build ten wild off-road vehicles and other machines while learning about belt drives, wheels, and tank treads. A battery-powered motor box powers the models. Construct a dune racer with tank treads that rambles over rough terrain or a four-wheel-drive A.T.V. with a belt drive and high-grip tyres. The detailed manual guides your model building and experiments.





NEW!

**ADJUSTABLE
WEIGHT CARS
TO EXPERIMENT
WITH FORCE &
MOMENTUM!**



ROLLER COASTER ENGINEERING

625417 AGES 6+ RRP: £50.00

CASE PACK QTY: 5

EXPERIMENTS: 20

PIECE COUNT: 330

MANUAL PAGES: 32



SCAN
FOR
VIDEO!

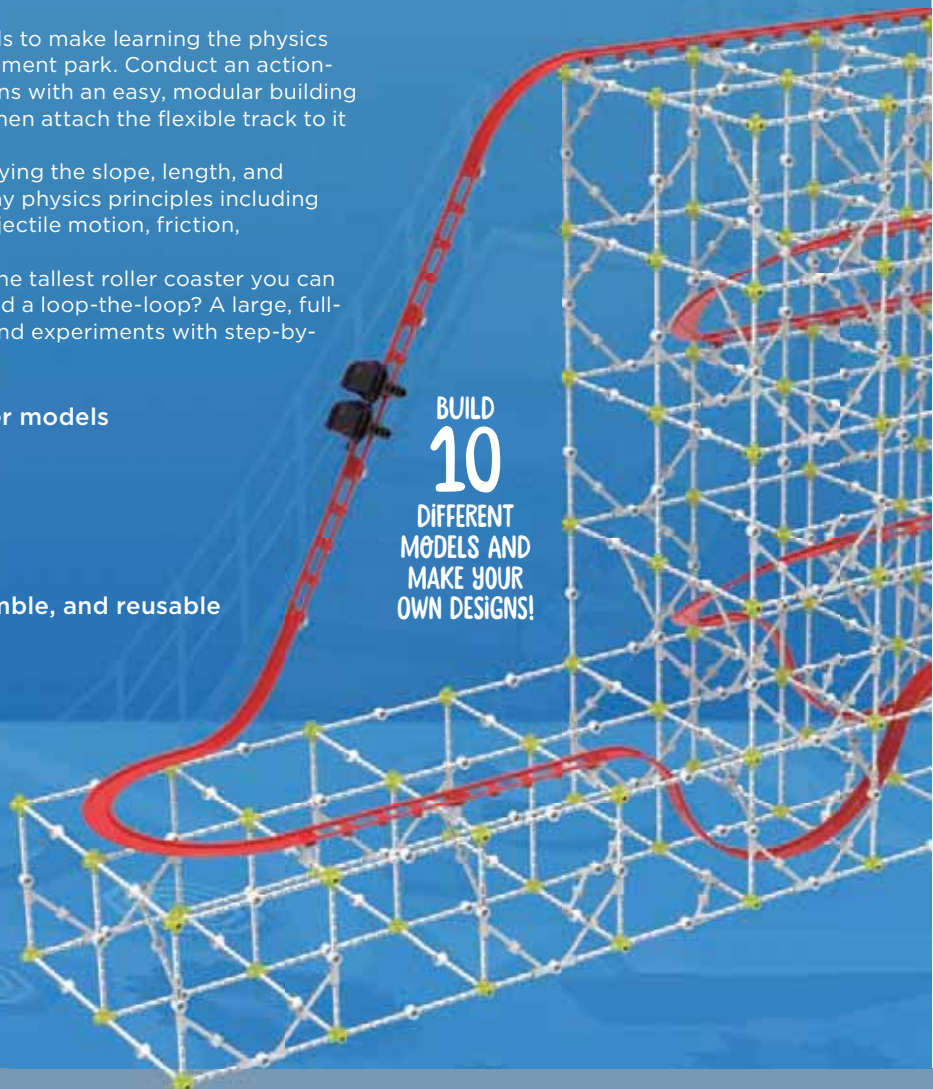
Build and experiment with dozens of roller coaster models to make learning the physics of force, motion, and energy as fun as a day at the amusement park. Conduct an action-packed series of hands-on physics and engineering lessons with an easy, modular building system. Piece together the sturdy frame structures and then attach the flexible track to it to build and test endless roller coaster designs.

Experiment by varying the weight of the cars and varying the slope, length, and direction of the track. Get a practical introduction to many physics principles including gravitation, potential energy, kinetic energy, free fall, projectile motion, friction, centripetal force, velocity, acceleration, and more.

Conduct a series of engineering challenges: What is the tallest roller coaster you can build? How about the longest straightaway? Can you build a loop-the-loop? A large, full-colour manual guides you through the model assembly and experiments with step-by-step illustrated instructions.

- Design and build your own working roller coaster models
- Conduct hands-on physics experiments to learn about force, motion, and energy
- Complete challenges that require you to build roller coasters of all shapes and sizes
- Plastic building system is durable, easy-to-assemble, and reusable
- Full-colour manual with step-by-step assembly instructions and scientific explanations

**BUILD
10
DIFFERENT
MODELS AND
MAKE YOUR
OWN DESIGNS!**

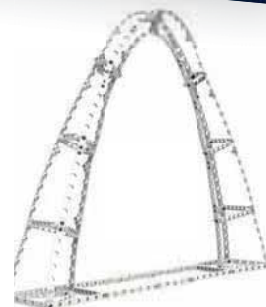
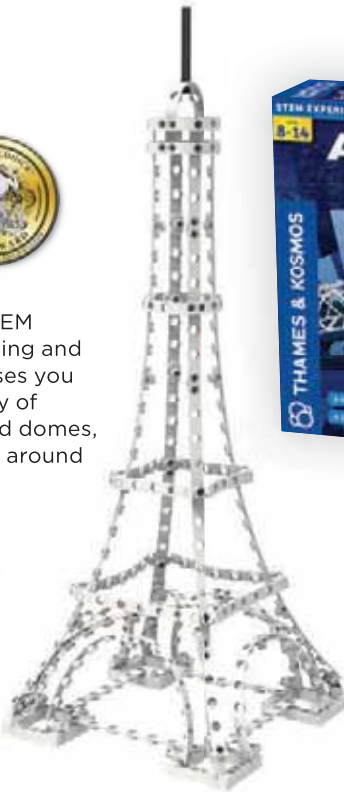


ARCHITECTURAL ENGINEERING

625416 AGES 8-14 RRP: £50.00
CASE PACK QTY: 5
MODELS: 26
PIECE COUNT: 308
MANUAL PAGES: 44



Build your foundation in architectural design with this fascinating STEM experiment kit that explores the engineering principles behind planning and developing buildings and structures. Through model building exercises you play the role of architect and engineer as you piece together an array of models, from small, basic structural elements like trusses, arches, and domes, to giant complex models of architecturally significant buildings from around the world.



REMOTE-CONTROL MACHINES

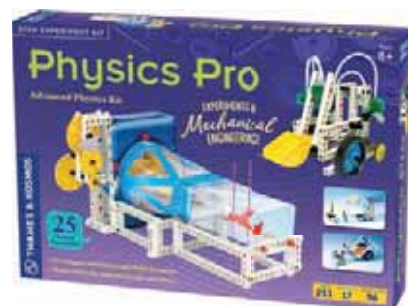
555004 AGES 8+ RRP: £65.00
CASE PACK QTY: 5
MODELS: 10
PIECE COUNT: 182
MANUAL PAGES: 48



6-button remote



Build your own motorised vehicles and machines and control them with a wireless remote control unit. A unique six button infrared remote allows you to control three different motors simultaneously, moving each of them forward or in reverse, with easy-to-activate touch sensors. The three motors can be combined to make complex vehicles and machines in numerous configurations limited only by your imagination.



PHYSICS PRO

625314 AGES 10+ RRP: £80.00
CASE PACK QTY: 3
EXPERIMENTS: 31
PIECE COUNT: 211
MANUAL PAGES: 96



Physics Pro is our biggest, most advanced physics kit. With this kit, you can continue your study of statics and dynamics from previous lessons and begin your study of more advanced topics in physics, including fluid dynamics, energy, hydraulics, and pneumatics.



SENSORS ALIVE

620486 AGES 8-14 RRP: £110.00
CASE PACK QTY: 3
PIECE COUNT: 4
MANUAL PAGES: 1 POSTER



Bring physics to life! The core of this science kit is an app-based video game in which you use real-world sensor data that you collect from your environment to generate a diverse array of creatures. Take temperature, sound, and light readings with the physical sensor pods and transfer the readings to the game via the base station. The sensor data dictates the attributes your bioengineered creatures will have. Create, collect, play with, and take care of your creatures in the app.



CHEM C1000

640118 AGES 10+ RRP: £50.00
CASE PACK QTY: 5
EXPERIMENTS: 125
PIECE COUNT: 30
MANUAL PAGES: 80



Enroll in CHEM C1000 and prepare yourself for years of fascination with this essential science. You will have a solid overview of chemistry after performing the 125 diverse experiments in this kit. Experiment with air pressure, surface tension, acids and bases, "magic" tricks, household chemicals, indicators, electrochemical reactions, and chromatography.



CHEM C2000

640125 AGES 11+ RRP: £120.00
CASE PACK QTY: 3
EXPERIMENTS: 250
PIECE COUNT: 50
MANUAL PAGES: 128



Discover how fascinating the world is when you understand the remarkable reactions behind ordinary occurrences. CHEM C2000 includes everything in CHEM C1000 and more — with twice the tools and materials. Most notably, this kit introduces you to the alcohol burner for experiments that require heat, expanding the number of experiments you can conduct.

CHEM C3000

640132 AGES 12+ RRP: £200.00
CASE PACK QTY: 2
EXPERIMENTS: 333
PIECE COUNT: 103
MANUAL PAGES: 192



"The Best Overall Chemistry Set."
- Wall Street Journal



CHEM C3000 is the ultimate chemistry set. This kit includes all of the components from CHEM C2000, plus dozens of additional tools and chemicals, and 100 additional experiments (333 experiments total). The 192-page manual is written at a more advanced level than the other CHEM kit manuals, making it an excellent preparation for senior school level chemistry.

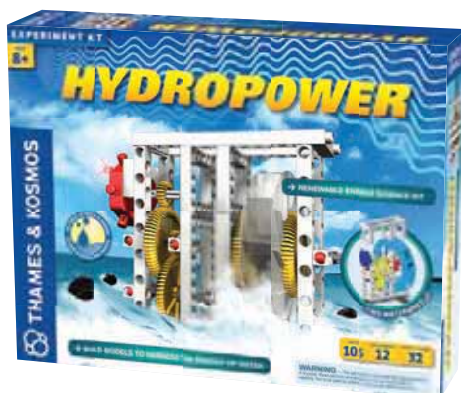


AIR+WATER POWER

555001 AGES 8+ RRP: £40.00
CASE PACK QTY: 5
MODELS: 15
PIECE COUNT: 165
MANUAL PAGES: 44



Build models powered by air and water pressure to learn about the laws of physics. This unique kit allows you to build two different air-and-water-powered systems: water-jet propelled cars and hydro-pneumo (which simply means air pressure and water pressure) powered engines. The hydro-pneumo system uses a self-contained air-and-water turbine system as a motor.



HYDROPOWER

624811 AGES 8+ RRP: £40.00
CASE PACK QTY: 5
EXPERIMENTS: 12
PIECE COUNT: 105
MANUAL PAGES: 32



Explore the power of water by building models and conducting experiments with them. Build a waterwheel, a sawmill, and a hammer mill to harness the energy of moving water to do different types of physical work. Construct a hydroelectric power station to generate electricity and light an LED. Learn about where the energy in ocean waves, tides, and rivers comes from, and discover how we can capture energy from them.



WIND POWER

627929 AGES 8+ RRP: £40.00
CASE PACK QTY: 5
EXPERIMENTS: 5
PIECE COUNT: 38
MANUAL PAGES: 32



Build a realistic wind turbine to harness power out of thin air. Wind is one of the most promising sources of clean, renewable energy available today. Wind energy has been used for centuries to pump water and crush grain in windmills, and is increasingly being used to generate electricity to power our modern world.

Assemble a wind turbine complete with electric generator and adjustable rotor blades. The blades are designed with complex aerodynamic curves to look and work like modern-day wind turbine blades. Conduct experiments with your wind turbine, including experiments to optimise its performance by adjusting the angle of the blades and the placement of the turbine. Use the wind turbine to light up an LED and charge a rechargeable battery. Convert the generator into an electric motor and assemble a small electric car to demonstrate a tangible application for stored solar electricity.

Discover how the sun makes the wind, providing us with an endless source of energy. Read about different types of wind turbines and windmills, the history of this technology, and how wind energy can be used to power homes and electric cars. The full-colour, 32-page manual offers illustrated instructions and scientific information.





In Rocky Beach, California, live the three detectives: Justus Jonas, Peter Shaw and Bob Andrews. Together they are The Three ??? and there is nothing they don't take on! The three friends witness exciting detective stories, solve puzzles no matter how tricky, and can always rely on one another.



ALARM SYSTEM

1665210 AGES 7+
RRP: £10.00



Using the alarm system, any drawer or cupboard can be secured. Should someone gain unauthorised access to the secret documents or evidence, an audible warning signal is sounded that scares off any intruders.



MULTI SPY

1665258 AGES 7+
RRP: £10.00



The multi-spy fits into any pocket. During investigations, the crime scene can be examined using a magnifying glass, ruler and a pair of tweezers. Messages are encrypted and decrypted using code discs and short messages and passwords can be stashed in the integrated secret compartment, for confidentiality. Periscope mirrors, a compass and a sundial can be very useful when tailing someone!



CRYPTEX

1665234 AGES 7+
RRP: £10.00



Every detective needs a secret storage solution to keep those important clues safe! With the Cryptex this is easy. Write a combination number, programme it in and keep the code somewhere safe.



LISTENING SPY

1665241 AGES 7+
RRP: £10.00



When following a subject, you often need to gather secret information. Using the eavesdropping device, you can expose culprits! Point the microphone opening towards the sound source and hear it louder than without the device. Disturbing sounds from other directions are dampened by the listening spy.



DIGITAL SAFE

1665333 AGES 7+
RRP: £25.00



Protect your secret documents and other personal items in this Digital Safe. A 4-digit numerical code can open the safe and unauthorised access sounds a voice alert, warning you that a thief is at work.



MASTER DETECTIVE TOOLKIT

630912 AGES 8+
RRP: £36.00
EXPERIMENTS: 26
PIECE COUNT: 33
MANUAL PAGES: 48



Grab this briefcase full of investigator's tools and get ready to track down some crooks! Learn about how detectives use forensic science to answer questions, gather evidence, and solve crimes. Experiment with the equipment and techniques used by real detectives to develop your own observation and problem-solving skills.

THAMES & KOSMOS GLOBES

These high-quality globes are made of acrylic, rather than cardboard (like many other globes), making them extremely durable and sturdy. The process by which the map graphics are printed onto the globes ensures best-in-class resolution, brilliant colours, and fade resistance. These globes make educational and beautiful additions to any child's room. They are manufactured in Germany by Columbus, the oldest and most respected manufacturer in the globe industry (established in 1909).

COLUMBUS
WORLD'S FINEST GLOBES AND MAPS



STUDENT DESK GLOBE

673018 AGES 5+ RRP: £39.95
CASE PACK QTY: 2
MANUAL PAGES: 1



This quality student globe gives you an informative overview of Earth's surface right at your fingertips. Find answers to questions such as: Where is Tanzania located? Which sea surrounds New Zealand? What's bigger: Europe or Africa? What is above the Arctic Circle?

Country borders and geographical features of the individual landmasses can be grasped intuitively. Explore your planet with the Student Desk Globe!

- 25 cm durable acrylic globe with geopolitical boundaries
- Learn about latitude, longitude, time zones, and more



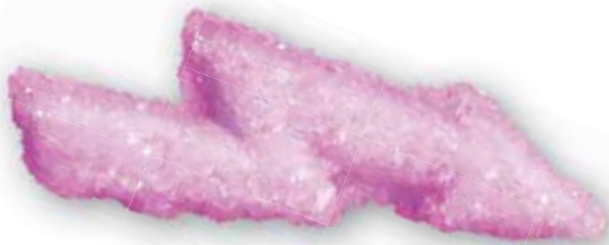
TK1 TELESCOPE & ASTRONOMY KIT

677015 AGES 12+ RRP: £110.00
CASE PACK QTY: 1
EXPERIMENTS: 20
PIECE COUNT: 15
MANUAL PAGES: 32



With this excellent entry-level telescope and astronomy kit, Kosmos continues a long tradition of inspiring people to reach for the stars. This high-quality refractor telescope with coated glass optics and plenty of accessories allows for countless exciting space observations. With it, you can see many planets, the moons of both Jupiter and Saturn, craters on the Moon, stars, nebula and galaxies. Features include quality optics, durable construction, sturdy aluminum tripod, and astronomy book.





CRYSTAL GROWING

643522 AGES 10+ RRP: £30.00

CASE PACK QTY: 5

EXPERIMENTS: 15

PIECE COUNT: 25

MANUAL PAGES: 32



Grow dozens of dazzling crystals and conduct 15 illuminating experiments with this classic science kit. Experiment with four chemically different crystals each with different properties. Mould fun plaster shapes and grow layers of crystals on them. Mix your own dyes to grow a rainbow of custom coloured crystals. Mould your own geode. Display your crystal creations in a clear treasure chest with a locking lid.



CRYSTAL GROWING GLOW-IN-THE-DARK

643525 AGES 10+ RRP: £30.00

CASE PACK QTY: 5

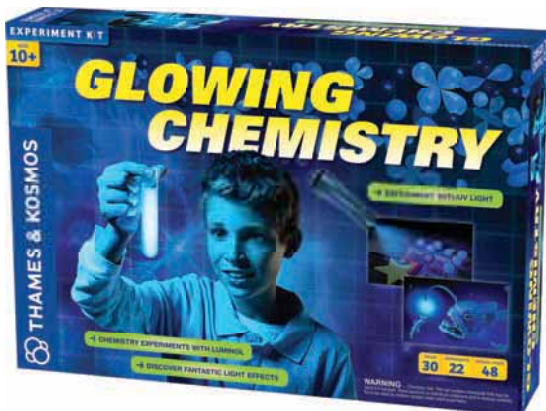
EXPERIMENTS: 12

PIECE COUNT: 30

MANUAL PAGES: 32



Grow dozens of colourful crystals, including two types of crystals that glow in the dark. Experiment with growing a variety of crystals from a potassium alum salt solution. Mould fun plaster shapes, including moons, stars, neon signs, frogs, and gemstones and then grow layers of crystals on them, or mould your own crystal geode! Learn about the structure and geometry of crystals.



GLOWING CHEMISTRY

644895 AGES 10+ RRP: £30.00

EXPERIMENTS: 22

PIECE COUNT: 28

MANUAL PAGES: 48



Explore the fascinating world of chemical reactions that produce light, called chemiluminescence. Mix up a magical blue light in a test tube using the chemical luminol. Discover how the natural world is full of luminous mysteries: bright spots on bananas, fluorescent bark, and glowing sea creatures.



MASSIVE ERUPTING VOLCANO

642116 AGES 8-14+ RRP: £25.00

CASE PACK QTY: 6

EXPERIMENTS: 3

PIECE COUNT: 32

MANUAL PAGES: 2 (POSTER)



Simulate the epic, earth-shattering power of a volcano in your own home! Build a huge volcano model with a sturdy frame that effortlessly slides together. Wrap the frame in hardening plaster-coated fabric strips and then paint it to look like the real thing. Then, bring your volcano to life with cutouts of dinosaurs and prehistoric trees — this isn't just any old volcano; this is a model of an extremely ancient and immensely large volcano from the days dinosaurs roamed the planet!

When you're ready for action, simply mix the two non-hazardous powders, dye, and water to create a chemical reaction of flowing red ooze that simulates the molten hot lava flows of a real volcanic eruption. Six packets of chemicals are included, allowing the volcano to be erupted multiple times. The volcano frame enables you to choose between two volcano shapes, with the final model measuring more than one foot tall.

A large, full-colour scientific poster of a volcano with illustrated instructions and lots of educational information about volcanoes is included. By studying these awe-inspiring and cataclysmic natural phenomena, you can learn more about the inner workings of Earth, learn about the different types of volcanoes and what causes them, and explore volcanoes around the world and how they have affected life on Earth for eons. Get ready to journey back in time and deep beneath Earth's surface with this fun, hands-on craft project and fascinating science lesson!

- Build a giant volcano model from cardboard and plaster; choose from two types of volcanoes
- Decorate with paint, fake boulders, and cardboard cutouts of dinosaurs and prehistoric plants
- Use safe chemical reactions to trigger volcanic eruptions and watch the lava bubble and flow
- Learn all about real-life volcanoes and what causes them
- Includes a full-colour volcano poster and instruction sheet



SCAN
FOR
VIDEO!

NEW!



- Classic, perennially appealing science activity kits at great prices
- Fast, fun, and simple experiments to spark curiosity in science
- Three-language packaging and manuals: English, French, Spanish



CRYSTAL GEODE

1665180 AGES 8+
RRP: £9.00
EXPERIMENTS: 3
PIECE COUNT: 7



AMAZING MINERALS

1665296 AGES 8+
RRP: £9.00
EXPERIMENTS: 1
PIECE COUNT: 4



Grow a beautiful, colourful crystal geode — a hollow rock with crystals inside it — by first moulding a plaster shell and then filling it with a crystal-forming solution. Learn about geological crystal formations. Six language edition.

Excavate three real mineral specimens from a plaster block: quartz, amethyst, and pyrite (also known as fool's gold!). Use tools like a real rock hunter. Explore the geological science of crystals, rocks, and minerals. Six language edition.



BOUNCING PLANETS

1665227 AGES 8+
RRP: £9.00
EXPERIMENTS: 2
PIECE COUNT: 10



Make five colourful, rubbery balls resembling planets in minutes. Using a spherical mould and five colours of polymer granules, cast up to five rubbery planet models. Learn why the balls form and how the elasticity of the polymer material causes them to bounce. Six language edition.



CRYSTAL GROWING

1665265 AGES 8+
RRP: £9.00
EXPERIMENTS: 3
PIECE COUNT: 9



Grow sparkling, colourful crystals overnight from a safe solution of potassium aluminium sulfate. Single out the largest crystal shard, redissolve the remaining crystals, and repeat the crystal formation process to grow a larger, more striking crystal. This kit includes four packets of crystal-growing salt and two dyes (red and blue) so you can grow a variety of crystals in different sizes and colours. Five language edition.



MONSTER PUTTY

1665302 AGES 8+
RRP: £9.00



Use the special putty and plastic parts, to form cool monsters and funny aliens, simply attach the accessories to create your monster! The intelligent putty changes within a few minutes due to its special characteristics.



MAGIC TRICKS

1665272 AGES 8+
RRP: £9.00



Learn magic tricks step-by-step. Using the magic utensils in this kit and the coloured step-by-step instructions, performing magic will be a piece of cake!



PREHISTORIC SEA DOGS

1665289 AGES 8+
RRP: £9.00



As soon as the eggs are placed in the salty water the larvae hatch, which then grow into small shrimp. You can find everything you will need in this experimentation kit.

CREATTO

LightUp 3D PUZZLE™

MAKE
PLAY+
DISPLAY™

Creatto™ is a simple yet versatile building system that consists of just two primary components that can be woven together into countless 3D creations. The durable and flexible plastic tiles interlock quickly and easily for all skill levels; no additional materials or hardware required!

Each Creatto kit includes assembly instructions for four different configurations, but the possibilities are limited only by your imagination. Add strings of coloured LED lights to illuminate your works of art from the inside out.

- Promotes creativity and individuality
- Develops fine motor skills
- Encourages self-expression
- Multi-lingual packaging (English, French, Spanish)
- Building instructions are language independent; just follow the visual steps to learn how the Creatto system works — and how easy it is to use!
- The same two types of building components are in all Creatto kits; combine pieces from different kits to build colourful, unique creations!
- Step-by-step building videos available online

Creatto Series 1
The Toy Insider
Spring & Summer
Gift Guide Winner



30-unit Creatto
floor display with
light-up shark
model

30-UNIT POP DISPLAY

888DISPLAY



CREATTO ELEPHANT™

03461 AGES 8+ RRP: £10.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 40
LED LIGHTS: 20
BUILD TIME: 15-20 MIN.



CREATTO MOOSE™

03478 AGES 8+ RRP: £10.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 35
LED LIGHTS: 20
BUILD TIME: 15-20 MIN.



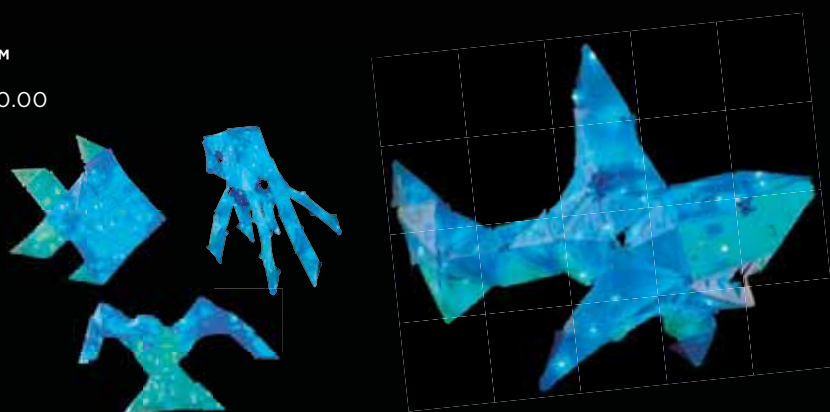
CREATTO KITTY™

03492 AGES 8+ RRP: £20.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 66
LED LIGHTS: 40
BUILD TIME: 20-30 MIN.



CREATTO SHARK™

03522 AGES 8+ RRP: £30.00
CASE PACK QTY: 5
MODELS: 4
PIECE COUNT: 140
LED LIGHTS: 100
BUILD TIME: 30-45 MIN.



CREATTO UNICORN™

03539 AGES 8+ RRP: £30.00
CASE PACK QTY: 5
MODELS: 4
PIECE COUNT: 141
LED LIGHTS: 80
BUILD TIME: 30-45 MIN.



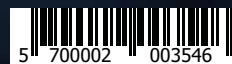
MINI



NEW!

CREATTO POLAR BEAR™

03462 AGES 8+ RRP: £10.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 41
LED LIGHTS: 20
BUILD TIME: 15-20 MIN.



MINI



NEW!

CREATTO SAFARI™

03479 AGES 8+ RRP: £10.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 34
LED LIGHTS: 20
BUILD TIME: 15-20 MIN.



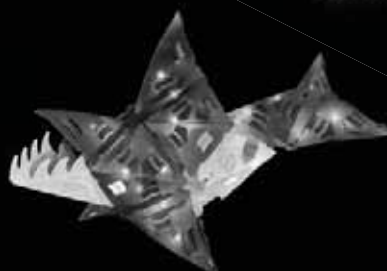
MIDI



NEW!

CREATTO PANDA™

03494 AGES 8+ RRP: £20.00
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 61
LED LIGHTS: 40
BUILD TIME: 20-30 MIN.



MIDI

CREATTO LOVE™

03493 AGES 8+ RRP: £20.00

CASE PACK QTY: 6

MODELS: 4

PIECE COUNT: 77

LED LIGHTS: 40

BUILD TIME: 20-30 MIN.



NEW!



CREATTO DRAGON™

03523 AGES 8+ RRP: £30.00

CASE PACK QTY: 5

MODELS: 4

PIECE COUNT: 138

LED LIGHTS: 80

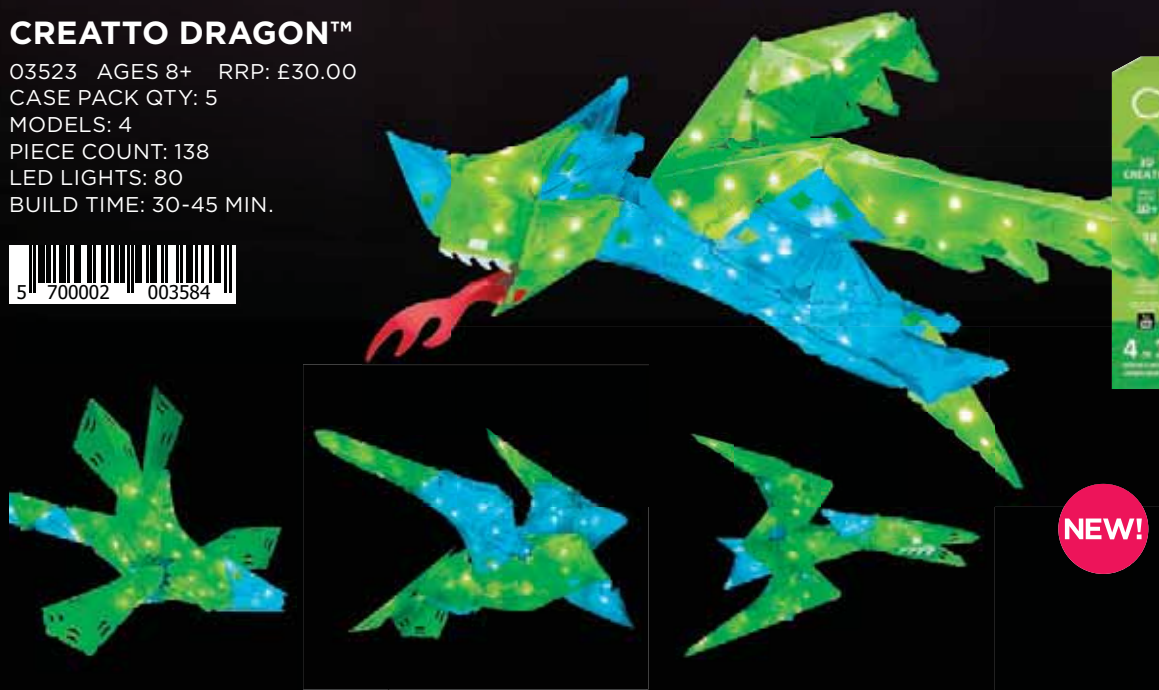
BUILD TIME: 30-45 MIN.



MAXI



NEW!



JOIN THE CREATTO COMMUNITY BY SHARING
YOUR CREATIONS ON SOCIAL MEDIA WITH #CREATTO!

MAGIC

Magic is a centuries-old performance art that captivates audiences by appealing to their fascination with the inexplicable. Thames & Kosmos offers a line of comprehensive magic sets that help children develop presentation skills, confidence, hand-eye coordination, dexterity, and reading skills, while they have fun performing magic tricks and entertaining audiences.



Point-of-Purchase Display holds 21 wands.

RABBIT'S HAT TEN-TRICK MAGIC WANDS

680286 AGES 6+ RRP: £3.00 EACH CASE PACK QTY: 1
TRICKS: 10
PROPS: 1 EACH
MANUAL PAGES: 12



Every magician needs a wand! With this special magic wand, you can practice and perform ten awesome magic tricks. Make the wand appear to levitate in front of you. Wow your audience when the wand magically lifts itself up in the palm of your hand. One second the wand is stiff as a board, the next it appears to be made of rubber. Your tricks will have the wand jumping, disappearing, flipping, and floating to your audience's amazement. Includes 21 Ten-Trick Magic Wands in a plastic top hat display.



BEST SELLER
MAGIC

RABBIT'S HAT MAGIC TRICKS

680283 AGES 6+ RRP: £4.00 EACH
CASE PACK QTY: 1
TRICKS: 2-3
PROPS: 2-6
MANUAL PAGES: 2



The Rabbit's Hat Magic Tricks Point-of-Purchase Display holds 18 assorted hats.



A magician is nothing without their hat, and with these hats you too can become a master magician. Aspiring magicians ages six and up can take their show on the road with these portable mini magic kits. Each small top hat contains the props and instructions to perform two or three simple, unique magic tricks with different themes — from shape-shifting to mind-reading to x-ray vision, and more! The Rabbit's Hat Magic Tricks display holds 18 assorted hats.

MAGIC HAT

680282 AGES 6+ RRP: £25.00
CASE PACK QTY: 4
TRICKS: 35
PROPS: 40
MANUAL PAGES: 20



BEST SELLER
MAGIC

With the magic hat and rabbit puppet, as well as more than 40 other magic props, kids as young as six years old can learn and perform 35 magic tricks.

- Online instructional videos available for many of the tricks



MAGIC: SILVER EDITION

698225 AGES 8+
RRP: £20.00
CASE PACK QTY: 6
TRICKS: 100
PROPS: 24
MANUAL PAGES: 72



The 100 tricks in this kit can be easily learned, practiced, and mastered—to stun and amaze audiences!

- Rope tricks, wand tricks, coin tricks ... learn a wide variety of illusions to impress audiences
- Includes 4 magic playing cards as an introduction to the world of card tricks
- Online instructional videos available for many of the tricks



MAGIC: GOLD EDITION

698232 AGES 8+ RRP: £30.00
CASE PACK QTY: 4
TRICKS: 150
PROPS: 42
MANUAL PAGES: 96



With this extensive collection of magic props, you can perform 150 incredible magic tricks and illusions to astonish spectators!

- Online instructional videos available for many of the tricks



MERCHANDISING MATERIALS

PDQ DISPLAYS:

680286 RABBIT'S HAT TEN-TRICK WANDS

(21-UNIT PDQ DISPLAY)
12"W X 12"H X 10"D IN. (EST.)



680283 RABBIT'S HAT MAGIC TRICKS

(18-UNIT PDQ DISPLAY)
13"W X 9.6"H X 9.5"D



601509 I DIG IT! DINO EGGS

(24-UNIT PDQ DISPLAY)
13"W X 11"H X 7"D (DISPLAY)



601959 I DIG IT! ALIENS - METEORITE EXCAVATION

(24-UNIT PDQ DISPLAY)
13"W X 11"H X 7"D (DISPLAY)



POP DISPLAYS: (PRE-ASSORTED; SUBJECT TO CHANGE BASED ON SALES AND AVAILABILITY)



888DISPLAY CREATTO 30-UNIT POP DISPLAY

13.5"W X 60"H X 20"D



FOC 25-UNIT POP DISPLAY

AGES 6+
25 UNITS RRP: £100.00 EACH
(includes product and
POP display)

PRODUCT DETAILS

PAGE NUMBER	ITEM NUMBER	PRODUCT DESCRIPTION	MINIMUM AGE (YEARS)	SINGLE UNIT DIMS (cm)	CASE DIMS (cm)	SINGLE UNIT WEIGHT (kg)	CASE UNIT WEIGHT (kg)	UNITS / CASE	COUNTRY OF ORIGIN	BARCODE
5	552001	ReBotz: Scootz - The Cranky Crawling Robot	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015760
5	552002	ReBotz: Pogo - The Jammin' Jumping Robot	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015777
5	552003	ReBotz: Halfpipe - The Shredding Skater Robot	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015784
5	552004	ReBotz: Knox - The Wacky Walking Robot	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015791
6	550034	Gravity Bugs™ - Free-Climbing MicroBot	8+	22.4 x 28 x 6.4	40.6 x 30.5 x 25.4	0.4	2.7	6	Taiwan	814743015654
6	550033	Neon Glow Lights	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.3	1.8	5	Taiwan	814743014756
6	550032	Squishy Organs	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.3	1.8	5	Taiwan	814743014749
7	7616595	Magic of Magnets	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.4	2.2	5	China	4002051616595
7	7616571	Mysterious World of Crystals	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.4	2.2	5	Germany	4002051616571
7	7616632	Saltwater Creatures	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.4	2.2	5	Germany	4002051616632
7	7616618	Slime Galaxy	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.4	2.2	5	Taiwan	4002051616618
7	550022	Glowing Crystal Geode	8+	22.5 x 28 x 6.5	35.5 x 30.5 x 25.5	0.7	4	5	Germany	814743011892
7	550001	Slime Time	8+	22.5 x 28 x 6.5	35.5 x 30.5 x 25.5	0.5	3	5	China	814743010741
8	550035	Incredible Inflatable Aero Dancer	8+	22.4 x 28 x 6.4	40.6 x 30.5 x 25.4	0.3	2.7	6	Taiwan	814743015661
8	550030	Solar-Powered Rovers	8+	19.5 x 29 x 6.5	31 x 21.5 x 34.5	0.5	2.7	5	Taiwan	814743014732
9	550020	Rubber Band Racers	8+	22.5 x 28 x 6.5	35.5 x 30.5 x 25.5	0.2	1.5	5	Taiwan	814743011564
9	550009	Crystal Nightlight	8+	22.5 x 28 x 6.5	35.5 x 30.5 x 25.5	0.5	3	5	China	814743010826
9	550014	Ultralight Airplanes	8+	22.5 x 28 x 6.5	35.5 x 30.5 x 25.5	0.3	2	5	Taiwan	814743010871
10	665107-4	Catapults & Crossbows		25.4 x 28 x 6.4	40.6 x 30.5 x 28	0.5	2.7	6	Taiwan	814743012912
10	550037	Orbiting Solar System	8+	25.4 x 28 x 6.4	40.6 x 30.5 x 28	0.6	4.5	6	Taiwan	814743015685
11	665036	Motors & Generators	8+	25.4 x 28 x 6.4	35.6 x 28.5 x 31.1	0.5	2.7	5	China	814743010390
11	665050	Magnetic Science	8+	33.5 x 23 x 7	38 x 38 x 28	0.8	4.5	5	China	814743010406
11	665081	Volcanoes & Earthquakes	10+	33.5 x 23 x 7	38 x 38 x 28	1	5.5	5	Germany	814743010420
12	550041	Easy Electric Circuits	8+	25.4 x 28 x 6.4	40.6 x 30.5 x 28	0.5	3.6	6	Taiwan	814743015722
12	665069	Simple Machines	8+	25.4 x 28 x 6.4	35.6 x 28.6 x 31.1	0.7	3.5	5	Taiwan	814743014145
12	665007	Genetics & DNA Lab	10+	25.4 x 28 x 6.4	40.6 x 30.5 x 28	0.6	4.1	6	Germany	814743016026
12	665012	Chemistry C500	10+	33.3 x 22.6 x 6.6	35.3 x 35 x 25.8	0.6	3.2	5	Germany	857853001513
13	642106	Ooze Labs Alien Slime Lab	8+	21.5 x 29.2 x 8.1	36.5 x 24.1 x 32.8	0.5	4.1	4	Taiwan	814743014183
13	642105	Ooze Labs Chemistry Set	8+	42.7 x 29.2 x 8.1	43.8 x 26.7 x 31.7	1.5	4	3	Taiwan	814743013346
13	4995	Ooze Labs Display	7+	36 x 36 x 17	38 x 38 x 70	2.3	9.5	4	Taiwan	656558049956
14	567012	Coding and Robotics	4+	42.7 x 29.2 x 10.1	44.4 x 34.3 x 33	2.8	8.2	3	Taiwan	814743013490
14	567013	Coding & Robotics Challenge Pack	4+	20.3 x 29.2 x 7	24.1 x 23.5 x 33.6	0.5	2.3	3	Taiwan	814743014152
15	567005	Science Laboratory	3+	37.3 x 16 x 24	51 x 41 x 33	1.2	5.3	4	Taiwan	814743011373
15	567009	Robot Engineer	3+	37.3 x 16 x 24	51 x 41 x 33	1.5	6.5	4	Taiwan	814743012042
15	567006	Automobile Engineer	3+	37.3 x 16 x 24	51 x 41 x 33	1.8	8.5	4	Taiwan	814743011380
16	567016	Robot Factory	5+	25.5 x 28 x 6.5	33 x 30.5 x 28	0.5	2.8	4	Taiwan	814743014879
16	567015	Robot Pet Shop	5+	25.5 x 28 x 6.5	33 x 30.5 x 28	0.5	2.8	4	Taiwan	814743014862
16	567014	Robot Safari	5+	25.5 x 28 x 6.5	33 x 30.5 x 28	0.5	2.8	4	Taiwan	814743014107
16	567003	The Human Body	5+	37 x 29.5 x 8	43 x 41 x 33	0.9	5	5	Germany	814743011359
17	567001	Stepping into Science	5+	37 x 29.5 x 8	43 x 41 x 33	0.8	4.5	5	Germany	814743011335
17	567002	Intro to Engineering	5+	37 x 29.5 x 8	43 x 41 x 33	0.8	4.5	5	Germany	814743011342
17	606114	Kids First Weather Science	5+	20 x 20 x 6	22 x 22 x 38	0.2	1.7	6	Germany	857853001452
17	606916	Kids First Stars and Planets	5+	20 x 20 x 6	22 x 22 x 38	0.3	2.3	6	Germany	814743010086
17	606115	Kids First Plants Science	5+	20 x 20 x 6	22 x 22 x 38	0.3	2.1	6	Germany	5060282510876
17	642921	Kids First Chemistry Set	8+	43 x 29.5 x 8	46 x 46 x 33	1.4	7.5	5	Germany	814743010611
18	261110	Great White Shark	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.6	2.9	4	China	5060282510579
18	261050	Tiger	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.6	2.9	4	China	5060282510586
18	261130	Scorpion	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.7	3.3	4	China	5060282510920
19	260830	Human Body	8+	29.5 x 7 x 23	39 x 30 x 35	0.4	2.9	6	China	5060282510746
19	260840	Human Pregnancy Torso	8+	29.5 x 7 x 23	39 x 30 x 35	0.4	2.9	6	China	5060282511163
20	261120	Tarantula	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.8	3.7	4	China	5060282510937
20	260900	Gorilla	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.7	3.3	4	China	5060282510593
20	261060	Giraffe	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.5	2.9	4	China	5060282511040
21	510449	My Discovery Triops	8+	33 x 22.5 x 8	35 x 25 x 35	0.6	3.5	5	Germany	5060282510449
21	510869	My Discovery Giant Triops	8+	43 x 29.5 x 8	46 x 46 x 33	0.8	4.5	5	Germany	5060282510869
21	510187	Sea Dogs EXTREME	8+	43 x 29.5 x 8	46 x 46 x 33	0.8	4.5	5	Germany	5060282511187
22	676919	My Discovery Telescope	6+	43 x 14.5 x 4.5	46 x 31 x 31.5	0.4	4.5	12	Taiwan	5060282510432
22	510463	My Discovery 3D Microscope	8+	48.5 x 33 x 13	53.5 x 41 x 35.5	1.2	6.5	3	China	5060282510463
23	626020	Great Treehouse Engineering	8+	43 x 29.5 x 8	46 x 33 x 33	0.8	4.1	4	China	814743013537
23	626037	Fantastic Underwater Voyage	8+	43 x 29.5 x 8	46 x 33 x 33	0.8	4.1	4	China	814743013544
23	626039	Daring Escape from Hidden Island	8+	37 x 25 x 6.6	41 x 30 x 28	0.8	4.1	4	China	814743014220
23	626038	Magnificent Mars Adventure	8+	33 x 22.6 x 6.6	34.3 x 28 x 25.4	0.5	4.1	4	China	814743014213

PRODUCT DETAILS

PAGE NUMBER	ITEM NUMBER	PRODUCT DESCRIPTION	MINIMUM AGE (YEARS)	SINGLE UNIT DIMS (cm)	CASE DIMS (cm)	SINGLE UNIT WEIGHT (kg)	CASE UNIT WEIGHT (kg)	UNITS / CASE	COUNTRY OF ORIGIN	BARCODE
24	601959	Aliens (24 unit display)	5+	10 x 6 x 6.5	18 x 34 x 11	0.1	1.6	24	Thailand	814743014701
24	1665159	Dino Egg Display (24 units)	5+	10 x 6 x 6.5	18 x 34 x 11	0.1	6	24	Thailand	4002051665159
24	632120	Giant Dino Skeleton	6+	43 x 29.5 x 8	45 x 45 x 31	0.5	2.7	5	Thailand	814743013360
25	620384	Robotics: Smart Machines - Super Sphere	8+	38.1 x 33.3 x 7.9	40.6 x 35.6 x 34.3	1.4	5.4	4	Taiwan	814743014947
26	620375	Robotics Smart Machines	8+	48.5 x 33 x 10	53.5 x 41 x 35.5	1.4	6.1	3	Taiwan	814743011489
26	620302	The Amazing Tightrope-Walking Gyrobot	6+	25.5 x 33 x 8	35.5 x 35.5 x 28	0.7	3.6	4	Taiwan	814743014893
26	7616731	Nexo	8+	23 x 33 x 8	35 x 24 x 26	0.7	3.2	4	Taiwan	4002051616731
27	620377	Robotics Workshop	10+	54 x 37 x 10	56 x 33 x 38	1.5	5	3	Taiwan	814743012080
27	620141	Code Gamer	10+	43 x 29.5 x 8	46 x 46 x 33	0.7	4	5	China	814743011946
27	615819	Electronics: Learning Circuits	8+	43 x 29.5 x 8	46 x 46 x 33	0.8	4.5	5	China	814743010345
27	620417	Electricity & Magnetism	8+	43 x 29.5 x 8	46 x 46 x 33	1.1	6	5	China	814743010451
28	1665128	Kinetic Machines	6+	22.5 x 28 x 6.4	29.2 x 28 x 31.8	0.4	1.8	4	Taiwan	4002051665128
28	1665111	Geared-up Gadgets	6+	22.5 x 28 x 6.4	29.2 x 28 x 31.8	0.4	1.8	4	Taiwan	4002051665111
29	555064	Terrain Walkers	6+	25.4 x 28 x 6.4	30.5 x 28 x 28	0.5	2.7	4	Taiwan	814743014169
29	1665135	Alien Robots	6+	25.4 x 28 x 6.4	30.5 x 28 x 28	0.5	2.3	4	Taiwan	4002051665135
29	1665142	Off Road Rovers	6+	25.4 x 28 x 6.4	30.5 x 28 x 29	0.5	2.3	4	Taiwan	4002051665142
30	625417	Roller Coaster Engineering	8+	37.1 x 29.2 x 7.9	43.2 x 40.6 x 33	0.9	4.5	5	Taiwan	814743015845
31	625416	Architectual Engineering	8+	37 x 29.5 x 8	43 x 41 x 33	1	5.4	5	Taiwan	814743014138
31	555004	Remote-Control Machines	8+	37 x 29.5 x 8	43 x 41 x 33	1.6	8.5	5	Taiwan	814743010147
31	625314	Physics Pro (V 2.0)	10+	48.5 x 33 x 13	51 x 43.2 x 38.1	2.7	6.8	3	Taiwan	814743011298
31	620486	Sensor Alive	8+	43 x 29.5 x 8	46 x 33 x 30.5	1	3.5	3	China	814743013520
32	640118	CHEM C1000 (V 2.0)	10+	37 x 29.5 x 8	43 x 41 x 33	1	5.5	5	Germany	814743010246
32	640125	CHEM C2000 (V 2.0)	11+	54 x 37 x 12	56 x 38 x 38	1.9	6.2	3	Germany	814743010253
32	640132	CHEM C3000 (V 2.0)	12+	54 x 37 x 18	56 x 38 x 38	3.5	7.5	2	Germany	814743010260
33	555001	Air & Water Power	8+	37 x 29.5 x 8	43 x 41 x 33	1.3	7	5	Taiwan	814743010116
33	624811	Hydropower	8+	37 x 29.5 x 8	43 x 41 x 33	1	5.5	5	Taiwan	857853001841
33	627929	Wind Power	8+	37 x 29.5 x 8	43 x 41 x 33	1.1	6	5	Taiwan	814743014916
34	1665210	Alarm System	8+	18 x 22 x 4	45 x 38 x 46	0.2	2.5	10	China	4002051665210
34	1665258	Multispy	8+	18 x 22 x 4	45 x 38 x 46	0.2	2.5	10	China	4002051665258
34	1665234	Cryptex	8+	18 x 22 x 5.5	60 x 38 x 46	0.3	3.5	10	China	4002051665234
34	1665241	Listening Spy	8+	18 x 22 x 4	45 x 38 x 46	0.2	2.5	10	China	4002051665241
34	1665333	Digital Safe	8+	21 x 16 x 12	45 x 35 x 25	0.4	2	6	China	4002051665333
34	630912	Master Detective Toolkit	8+	26 x 20 x 8	43 x 28 x 23	1.1	6	5	Germany	814743011472
35	673018	Non Illuminated Student Globe	8+	26 x 33.5 x 26	53 x 38 x 28	1	2.7	2	Germany	814743014206
35	677015	TK1 Telescope	12+	81.5 x 25.5 x 13	86.5 x 30.5 x 18	4.8	5	1	China	814743011458
36	643522	Crystal Growing	10+	43 x 29.5 x 8	46 x 46 x 33	1.3	7	5	Germany	814743010444
36	643525	Crystal Growing - Glow in the Dark	10+	43 x 29.5 x 8	47 x 46 x 33	1.3	7.3	5	Germany	814743013353
36	644895	Glowing Chemistry	10+	43 x 29.5 x 8	46 x 46 x 33	0.7	4	5	Germany	814743010970
37	642116	Massive Erupting Volcano	8+	42.7 x 29.2 x 6.4	40.6 x 40.6 x 33	1.3	8.6	6	Germany	814743015852
38	1665180	Crystal Geode	8+	18.5 x 22 x 5.5	20.5 x 23.5 x 30	0.3	3.5	5	Germany	4002051665180
38	1665296	Amazing Minerals	8+	18.5 x 22 x 5.5	20.5 x 23.5 x 30	0.4	4.5	5	Taiwan	4002051665296
38	1665277	Bouncing Planets	8+	18.5 x 22 x 5.5	38.5 x 29.5 x 24	0.2	2.5	10	Taiwan	4002051665227
38	1665265	Crystal Growing	8+	18.5 x 22 x 5.5	20.5 x 23.5 x 30	0.3	3.5	5	Germany	4002051665265
39	1665302	Monster Putty	8+	18.5 x 22 x 5.5	20.5 x 23.5 x 30	0.3	3.5	5	Taiwan	4002051665302
39	1665272	Magic Tricks	8+	18.5 x 22 x 5.5	38.5 x 29.5 x 24	0.1	1.5	10	Thailand	4002051665272
39	1665289	Prehistoric Sea Dogs	8+	18.5 x 22 x 5.5	38.5 x 29.5 x 24	0.1	1.5	10	Germany	4002051665289
41	03461	Moonlight Elephant Safari	8+	20 x 20 x 4.6	28.5 x 21.5 x 21.5	0.2	1.4	6	Taiwan	5700002003461
41	03478	Magical Moose & Forest Friends	8+	20 x 20 x 4.5	28.5 x 21.5 x 21.5	0.2	1.4	6	Taiwan	5700002003478
41	03492	Starlight Kitty & Cutie Crew	9+	25.2 x 23.2 x 4.8	29.5 x 27.5 x 25	0.4	2.5	6	Taiwan	5700002003492
41	03522	Shimmer Shark & Ocean Pals	10+	32 x 27.7 x 4.6	33 x 30 x 25.5	0.7	4	5	Taiwan	5700002003522
41	03539	Sparkle Unicorn & Friends	10+	32 x 28 x 5	33 x 30 x 25.5	0.7	4	5	Taiwan	5700002003539
42	03462	Northern Lights Polar Bear & Winter Pals	8+	20 x 20 x 4.5	28.5 x 22 x 21.5	0.3	1.8	6	Taiwan	5700002003546
42	03479	Luminous Lion & Serengeti Sidekicks	8+	20 x 20 x 4.5	28.5 x 22 x 21.5	0.3	1.7	6	Taiwan	5700002003553
42	03494	Glowing Panda & Monochrome Crew	9+	25.5 x 23.5 x 4.8	30.5 x 26.5 x 25.5	0.4	3	6	Taiwan	5700002003577
43	03493	Shining Sweetheart & Lovable Stuff	9+	25.5 x 23.5 x 4.8	30.5 x 26.5 x 25.5	0.5	3.3	6	Taiwan	5700002003560
43	03523	Soaring Dragon & Flying Friends	10+	32 x 28 x 5	33.5 x 30 x 26	0.8	4.6	5	Taiwan	5700002003584
44	680286	Ten Trick Magic Wands Display	6+	30.5 x 30.5 x 25.5	33 x 25.5 x 18	0.7	1.4	1	Thailand	814743014848
44	680283	Rabbits Hat Magic Tricks Display	6+	33 x 24 x 23.5	35.5 x 28 x 28	1.1	1.8	1	Thailand	814743014015
44	680282	Magic Hat	6+	25.5 x 25 x 17	54 x 35.6 x 28	0.9	4	4	Thailand	814743012547
44	698225	Magic Silver	8+	36 x 26 x 8	48.5 x 28 x 38	0.8	4.5	6	Thailand	814743012011
45	698232	Magic Gold	8+	47.5 x 33.5 x 8	48.5 x 41 x 35.5	1	4.5	4	Thailand	814743012028



STEM TOYS

SCIENCE KITS

MAGIC KITS

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