

LEARN AND PLAY WITH
*Limitless
Possibilities!*



 THAMES & KOSMOS

2024 PRODUCT CATALOGUE

STEM TOYS - SCIENCE KITS - MAGIC KITS - ACTIVITIES



THAMES & KOSMOS

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. For two centuries, Kosmos has published science books, field guides, star maps, and other educational publications. In the 1920s, the company published its first science experiments kits, initiating a century of hands-on STEM education. We are thrilled to share our 2024 product line with you and look forward to inspiring generations of young minds for yet another century!

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.



TABLE OF CONTENTS

MARBLE RUNS	2
GECKO RUN	2
STEM TOYS & SCIENCE KITS	5
FUN & EDUCATIONAL ACTIVITY KITS	6
KIDS FIRST®	11
ESSENTIAL STEM TOOLS	14
SIGNATURE SERIES	16
ROBOTICS & PROGRAMMING	16
ENGINEERING	20
STEM ADVENT CALENDAR	21
CHEMISTRY	22
ALTERNATIVE ENERGY	25
NATURE DISCOVERY	27
REBOTZ	28
ACTIVITY TOYS	29
SPY LABS®	29
CREATTO®	33
MAGIC KITS®	34
PRODUCT DATA	35



LINE OVERVIEW

GECKO RUN

Design your own vertical marble runs with this innovative new line! With a specially designed system of flexible tracks and adhesive nano pads, the future of marble runs is here!

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

KIDS FIRST®

Introductory science kits that present science to young children, starting at age 3

ESSENTIAL STEM TOOLS

Fun, classic scientific devices that are fundamental to basic science learning. Designed to ensure the optimal experience for young learners

SIGNATURE SERIES

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

SPY LABS®

This line of activity toys is your one-stop shop for the best detective gear! Features forensic science kits and investigative devices needed by any young detective-in-training

NATURE DISCOVERY

Educational models designed to teach kids about the anatomy of humans and different animals

REBOTZ

A squad of lovable robot pals with interchangeable parts. ReBotz teach the basics of how robots move

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

GECKO RUN MARBLE RUN

LIMITLESS!

EVER-CHANGING,
NON-STOP ROLLING
FUN!



THE FUTURE OF MARBLE RUNS!

Gecko Run takes classic marble runs to the next level with new creative challenges and less restrictive building requirements. This innovative marble run uses a specially designed system of flexible tracks that does not require any support structures. Traditional marble runs require lots of pieces to create vertical height, but with Gecko Run, your doors, windows, cupboards, bookcases — virtually any smooth surface — become part of your track, allowing you to build higher with fewer pieces.

Attach the tracks to surfaces with the help of clever nano-adhesive pads, which work like nanoscopic suction cups, to create a strong, but temporary bond. Because the pads are not glue-based, they can be quickly and easily repositioned many times without any damaging adhesives or sticky residue. A quick wipe with a microfibre cloth will keep your pads ready for action!

The versatile tracks are made from renewable, durable, and sustainably sourced raw materials. Thanks to their wide range of motion and flexibility, you can create hills and jumps, and even turn corners to generate a limitless number of tricks and stunts. No two tracks are ever the same!

Each unique configuration promotes hands-on experimentation, supports problem-solving through trial and error, develops motor skills, and encourages creativity for kids and their grownups!



SCAN
FOR VIDEO!



FAST, NO-MESS SETUP WITH RESIDUE-FREE NANO-ADHESIVE PADS!



FLEXIBLE TRACKS STICK TO DOORS, WINDOWS & MORE!



**UNLIMITED POSSIBILITIES!
REPOSITION AGAIN & AGAIN!**



TRACKS MADE WITH RENEWABLE RAW MATERIALS



FLOOR DISPLAY (ASSEMBLY REQUIRED)

550200-FD RRP: TBC



NEW!



Gecko Run Floor Display includes:

- (15) Marble Run Starter Set
- (4) Marble Run Trampoline Expansion Pack
- (4) Marble Run Loop Expansion Pack
- (4) Marble Run Twister Expansion Pack
- (4) Marble Run Snake Expansion Pack
- (1) Gecko Run: Demo Pack (parts only; components from each of the 5 sets)
- (1) 10-inch LCD built-in monitor with motion sensor and USB plug-in cable; pre-loaded with Gecko Run demo reel

MARBLE RUN STARTER SET

550201 AGES 8+ RRP: £29.99 CASE: 5
PIECE COUNT: 63 MANUAL PAGES: 16



NEW!



Ready, set, let's roll! The Gecko Run Starter Set includes everything you need to zip, zag, bounce, skip, and hurdle into an awesome engineering adventure. A 16-page illustrated manual guides you through setting up your first runs and teaches you how all the different elements work. Witness physics in action! Use independently or combine with any of the expansion packs.

WHAT'S IN THE BOX?

- 27 Adapters
- 40 Nano-adhesive Pads
- 12 Flexibles Tracks
- 3 Track Bridges
- 4 Track Turns
- 2 Levers
- 1 Switch
- 1 Funnel
- 7 Marbles





MARBLE RUN TRAMPOLINE EXPANSION PACK

550202 AGES 8+ RRP: £11.99
CASE: 4
PIECE COUNT: 12
MANUAL PAGES: 4



NEW!

Let's get hopping with the trampoline! Can you position the trampoline so that the marble flies really far? Can you even bounce it downward, or catapult it up to a higher track? See the physics of projectile motion, elastic collision, and trajectory in action.

- Add some bounce action to your Gecko Run
- Watch the marbles flip in wild directions
- Cool extra: Two additional tracks



MARBLE RUN LOOP EXPANSION PACK

550203 AGES 8+ RRP: £11.99
CASE: 4
PIECE COUNT: 13
MANUAL PAGES: 4



NEW!

With the loop, you can bring even more speed, action, and experimental fun to your Gecko Run marble run. How much speed does the marble need to race perfectly through the loop? Experiment and find out!

- Add an amazing loop stunt to your Gecko Run
- Test how speed affects marbles in the loop
- Cool extra: Two additional tracks



MARBLE RUN TWISTER EXPANSION PACK

550204 AGES 8+ RRP: £11.99
CASE: 4
PIECE COUNT: 13
MANUAL PAGES: 4



NEW!

With the twister, you can give your marbles a real spin. This not only brings extra fun to your Gecko Run marble run, but also makes the laws of physics visible.

- Vortex funnel for your Gecko Run
- See centripetal force in action
- Cool extra: Two additional tracks



MARBLE RUN SNAKE EXPANSION PACK

550205 AGES 8+ RRP: £11.99
CASE: 4
PIECE COUNT: 13
MANUAL PAGES: 4



NEW!

With the snake, you can send your marbles through a maze of sharp curves and see how it affects their speed. But watch out: only if you place the snake correctly in your marble run will the marbles make it through.

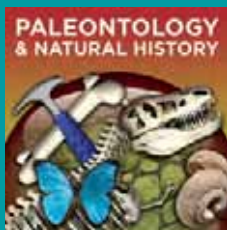
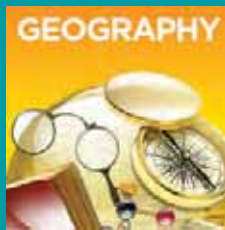
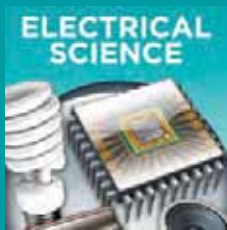
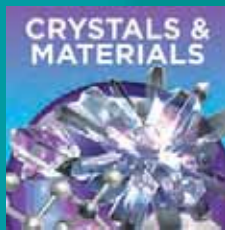
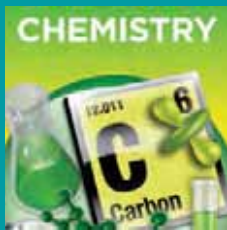
- Stop-and-go zigzag maze for your marbles
- Slow down and maintain control on the track
- Cool extra: Two additional tracks



STEM

EXPERIMENT KITS

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

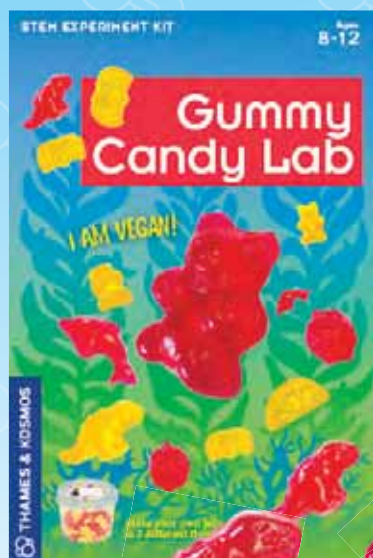


Thames & Kosmos kits offer hands-on learning through experimentation, model building, and crafting, and include comprehensive full-colour books and instructions. The kits cover relevant topics that are pertinent to the world today and provide fun and enjoyable activities for effective learning. They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



FUN & EDUCATIONAL ACTIVITY KITS

STEM EXPERIMENT KITS WITH A FOCUS ON FUN ACTIVITIES TO INTRODUCE SCIENTIFIC TOPICS



GUMMY CANDY LAB

511699 AGES 8+ RRP: £22.49
CASE: 5 PIECE COUNT: 10 MANUAL PAGES: 16



Plunge into the exciting world of sweets! Mould your own delicious jelly sweets in a variety of shapes and flavours. Interesting background knowledge and exciting experiments will guide you along the way.

- Vegan
- 2 delicious flavours
- Different jelly sweet shapes



SOLAR-POWERED ROVERS

550030 AGES 8+
RRP: £22.49
CASE: 6 MODELS: 5
PIECE COUNT: 54
MANUAL PAGES: 16



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.

Harness the power of air and water to make things move! Build water-rocket cars, jet-propelled boats, a water gun, and even a lawn sprinkler. Learn about the laws of physics and their applications in real-world engineering. When you pump air into your rocket, you increase the air pressure inside. Then when you release the clamp, watch out — the air and water mixture inside will shoot out, causing your rocket to zoom off in the opposite direction! Experiment to test some of the differences between water and air, and learn why your rocket needs both to go fast.



WATER POWER: ROCKET-PROPELLED CARS, BOATS, AND MORE



550048 AGES 8+ RRP: £24.99
CASE: 6
MODELS: 6
PIECE COUNT: 47
MANUAL PAGES: 32



WEATHER & CLIMATE LAB

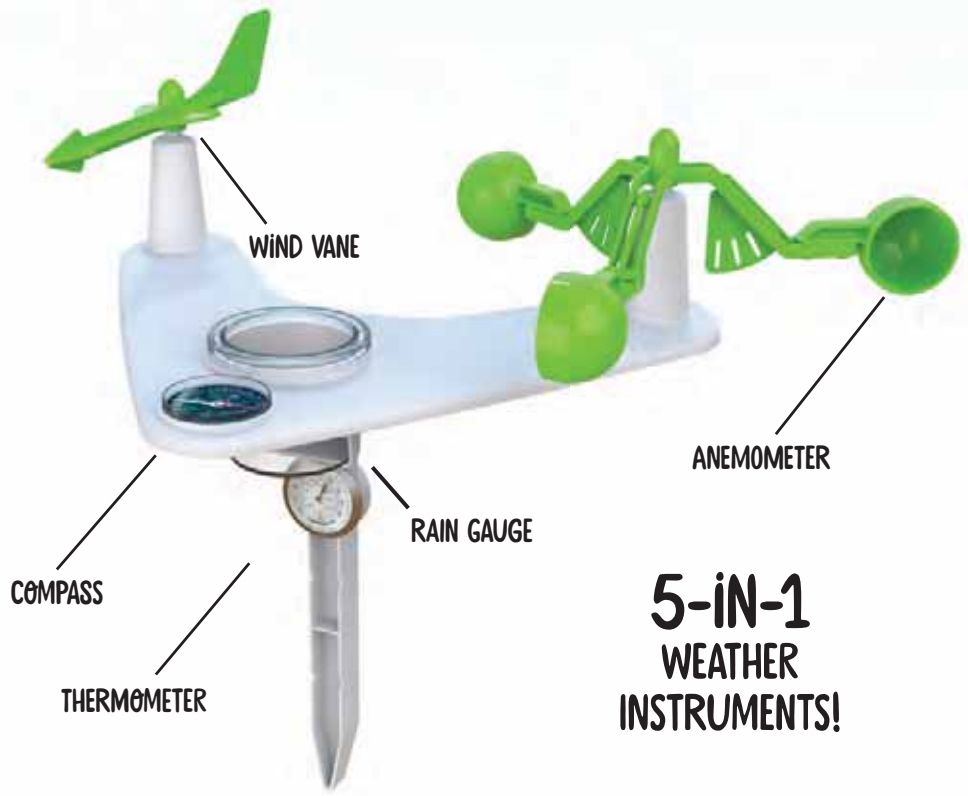
550049 AGES 6+ RRP: £22.49 CASE: 6
EXPERIMENTS: 8
PIECE COUNT: 17
MANUAL PAGES: 28

NEW!



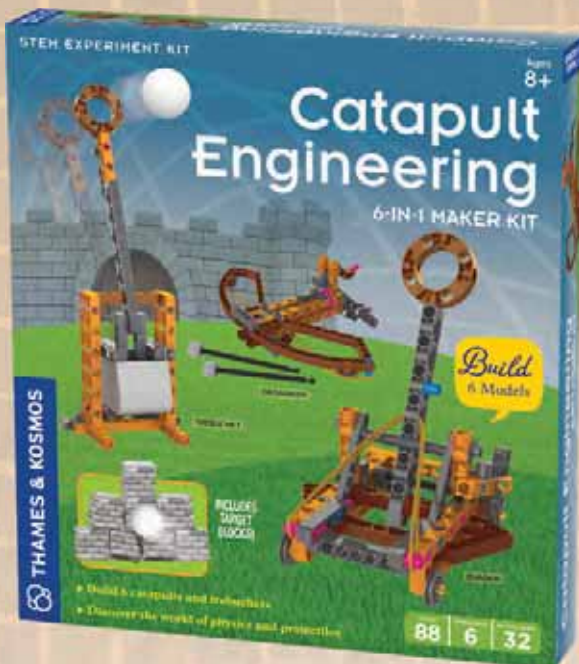
Calling all meteorologists-in-training! This compact, 5-in-1 weather station provides the tools to investigate specific weather phenomena and Earth's climate system in general. Using the five unique attachments, you can execute a variety of climate-related experiments to get a firsthand look at why the weather is one of the most popular topics of conversation and scientific study. Install this sleek weather station outdoors and use the built-in wind vane, compass, rain gauge, anemometer (wind speed indicator), and thermometer to measure weather data. The manual takes young scientists through eight hands-on experiments and includes pages to record observations. Bonus: Supplemental experiments using household experiments available online!

- Efficient design includes a durable stake with adjustable height to secure your weather station into the ground for real-time measurements
- Investigate a variety of topics including air current and pressure, ocean currents, the hydrological cycle, and more
- Encourages and develops observation and note-taking skills
- Promotes a sense of responsibility for our planet, nature, and the environment



**5-in-1
WEATHER
INSTRUMENTS!**





CATAPULT ENGINEERING: 6-IN-1 MAKER KIT

NEW!

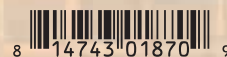
550056 AGES 8+ RRP: £24.99

CASE: 6

EXPERIMENTS: 6

PIECE COUNT: 88

MANUAL PAGES: 32

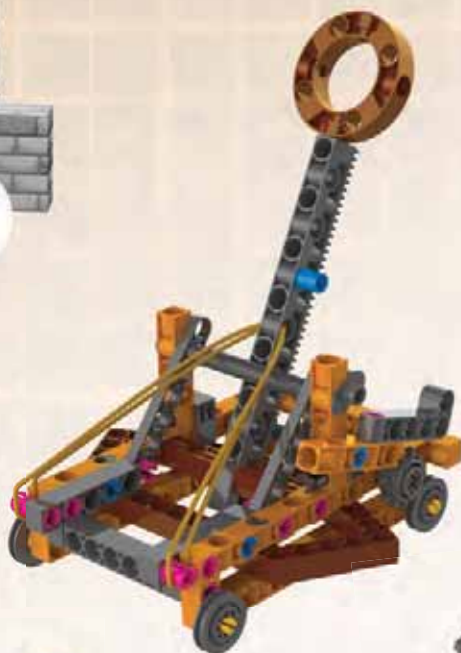


Investigate physics using technology from medieval times! Build six sleek, functional models of catapults, trebuchets, and launchers. Use these classic siege weapons to conduct simple experiments that demonstrate important mechanical engineering topics like force, energy, motion, and trajectory. The included lightweight foam balls and soft darts are safe and effective projectiles to fling at your cardboard "castle" and other targets! The 32-page, full-colour manual has illustrated step-by-step instructions for building the models and conducting the experiments.

- New and improved version of a classic best-seller
- Combines engaging, hands-on construction projects with real, authentic learning
- Durable, modular building system allows for hours of open-ended play and exploration
- Specially designed and tested for safety
- Models include: crossbow, reverse draw crossbow, catapult, onager, trebuchet, and ballista



**TARGET BLOCKS
INCLUDED!**



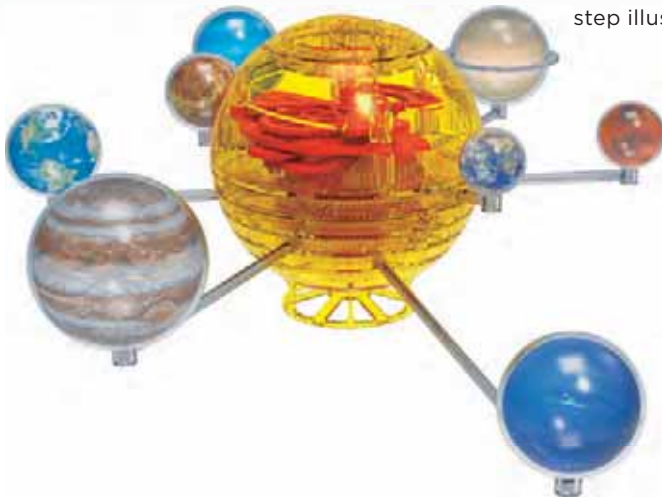
**BUILD
6 MODELS!**

ORBITING SOLAR SYSTEM

550037 AGES 6+
RRP: £29.99
CASE: 6
EXPERIMENTS: 1
PIECE COUNT: 59

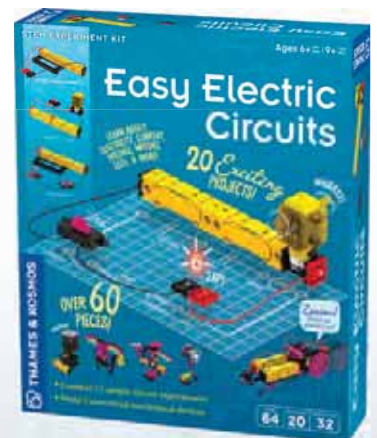
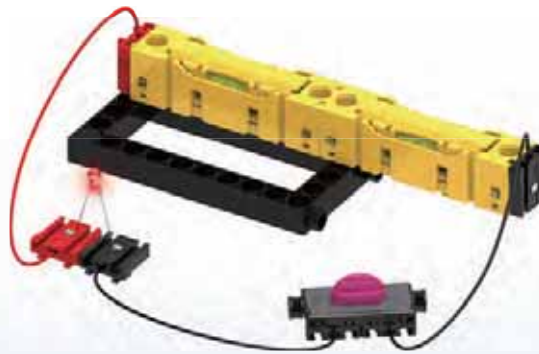


Build a mechanical model of the solar system including the sun and eight planets (also known as an orrery), wind it up, and watch the planets revolve around the sun. Assemble using snap-together plastic parts to learn how the gears and wind-up mechanism work to spin the model. Detail each planet with 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, 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 instructions.



EASY ELECTRIC CIRCUITS

550041 AGES 8+
RRP: £29.99
CASE: 6
EXPERIMENTS: 20
PIECE COUNT: 64
MANUAL PAGES: 32



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 first-hand. 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!

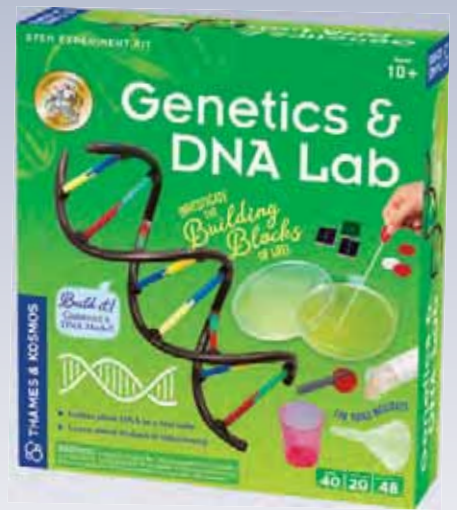


GENETICS & DNA LAB

665007 AGES 10+
 RRP: £34.99
 CASE: 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.



SIMPLE MACHINES

665069 AGES 8+
 RRP: £34.99
 CASE: 6
 EXPERIMENTS: 26
 PIECE COUNT: 132
 MANUAL PAGES: 32



Jump start 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.

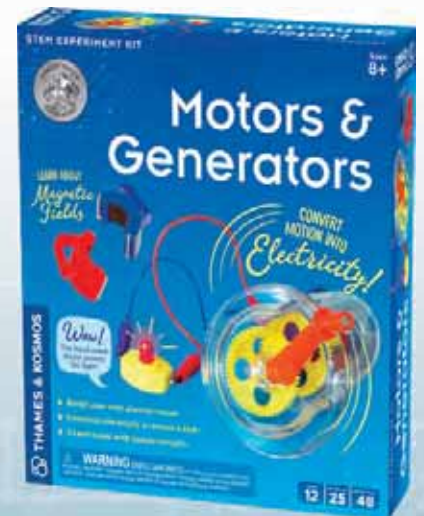


MOTORS & GENERATORS

665036 AGES 8+
 RRP: £34.99
 CASE: 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



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

CODING & ROBOTICS

567012 AGES 4-8

RRP: £109.99

CASE: 3

EXPERIMENTS: 30 PIECE COUNT: 417 MANUAL PAGES: 64



**BEST
SELLER**
KIDS
FIRST



This robot kit teaches coding principles and skills to Key stage 1 children, 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.



INTRO TO TOOLS & BUILDING

567017 AGES 3+
 RRP: £35.99
 CASE: 6
 MODELS: 6 PIECE COUNT: 47
 MANUAL PAGES: 8



Learn how to use tools and build your own workbench and other fun models with this introductory mechanical engineering kit.



INTRO TO GEARS

567018 AGES 3+
 RRP: £35.99
 CASE: 6
 MODELS: 4 PIECE COUNT: 61
 MANUAL PAGES: 8



Gears make things move! With big and small gears, kids can learn about the amazing things that gears can do. Explore gear ratios, gear trains, transmissions, power and torque. A full colour 8-page manual shows you how to build four models, each one teaches a simple engineering concept about gears.



AUTOMOBILE ENGINEER

567006B AGES 3+
 RRP: £35.99
 CASE: 6
 MODELS: 10 PIECE COUNT: 70
 MANUAL PAGES: 32



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 storybook manual.



ROBOT ENGINEER

567009B AGES 3+
 RRP: £35.99
 CASE: 6
 MODELS: 10 PIECE COUNT: 53
 MANUAL PAGES: 32



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 candy factory. Includes storybook manual.



ROBOT FACTORY: WACKY, MISFIT, ROGUE ROBOTS

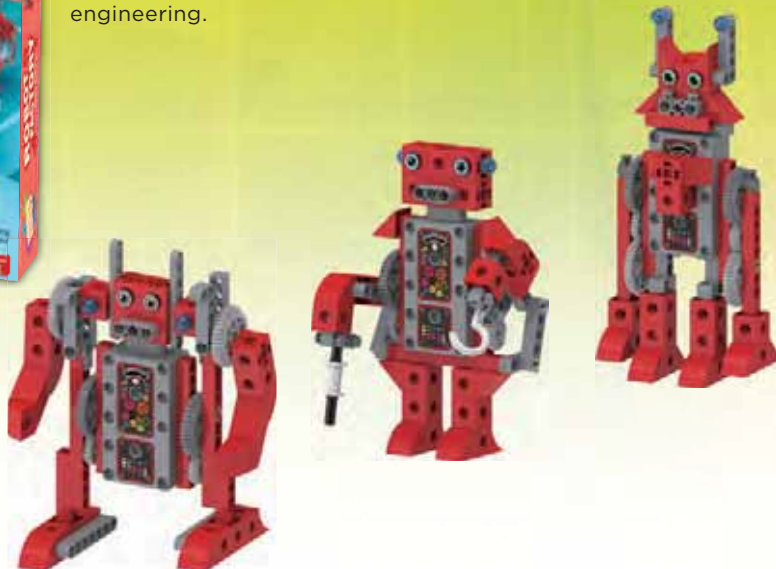
567016 AGES 5-7
RRP: £24.99
CASE: 6
MODELS: 8
PIECE COUNT: 117
MANUAL PAGES: 32



**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.



THE HUMAN BODY

567003 AGES 5-7
RRP: £26.99
CASE: 5
EXPERIMENTS: 26
PIECE COUNT: 32
MANUAL PAGES: 48



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: £26.99
CASE: 6
EXPERIMENTS: 29
PIECE COUNT: 58
MANUAL PAGES: 48



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

- Introduction to scientific inquiry for preschoolers and KS1
- Learn about plants, physics, chemistry, air, and water
- Easy-to-follow illustrated experiments

ESSENTIAL STEM TOOLS



THE THAMES & KOSMOS MICROSCOPE (WITH SMARTPHONE ADAPTER)

678005 AGES 8+
RRP: £44.99
CASE: 4
EXPERIMENTS: 12
PIECE COUNT: 46
MANUAL PAGES: 8



NEW!



Discover wonders that are too small to see with the naked eye! This high-quality student microscope comes with all the tools and accessories you need on your journey into the invisible world around us. Start by viewing three prepared slides to learn how this classic tool works. Then, use the 45-piece accessory set to prepare your own collected specimens.

The universal smartphone adapter lets you use your smartphone camera to capture photos and videos of your observations to document and share. The microscope's 15x ocular lens, or eyepiece lens, works together with the three objective lenses, resulting in a total magnification power of 60x, 150x, or 600x. The precision adjustment knob, stable base, and long-lasting, battery-powered LED light all work to create a clear, crisp image. The kit includes slides, cover slips, and many other tools for collecting and preparing samples. The instruction manual guides you through using the microscope and the tools to help you get the most out of your equipment. What will you discover?

- Quality optics, durable plastic body
- Up to 600x magnification (60x, 150x, and 600x)
- 15x ocular lens
- 4x, 10x, and 40x objective lenses
- Flexible smartphone adapter compatible with virtually any smartphone
- Ideal entry-level scope at an affordable cost

INCLUDES 45 ACCESSORIES

- Universal smartphone adapter
- 3 Prepared slides
- 8 Blank slides
- 16 Cover slips
- 8 Slide labels
- 3 Specimen vials
- Petri dish
- Test tube
- Tweezers
- Pipette
- Stirring rod
- Spatula



THE THAMES & KOSMOS PLANETARIUM PROJECTOR (3L)

678004 AGES 8+ RRP: £29.99 CASE: 6
EXPERIMENTS: 6 PIECE COUNT: 9 MANUAL PAGES: 6

BEST SELLER
ESSENTIAL STEM TOOLS

Turn your bedroom into your very own planetarium theatre! This home planetarium is actually two projectors in one. The first is a rotating star map dome that projects astronomically accurate maps of the stars; star maps for both the northern and southern hemispheres are included. The second projects space-related images, including all eight planets, eight human-made space objects like rockets and satellites, and eight extragalactic phenomena like nebula and galaxies. Use nightlight mode to automatically shut off the projector after 15, 30, or 60 minutes. The compact, space-saving design can be placed on a flat surface or hung on a wall. Includes colour educational poster and instruction sheet.



3L EDITION!



THE THAMES & KOSMOS GYROSCOPE

678002 AGES 8+ RRP: £9.99 CASE: 12 (1 DISPLAY)
EXPERIMENTS: 5 PIECE COUNT: 4 MANUAL PAGES: 6



This timeless scientific instrument has been reimagined in a fresh, new design. Experiment with the gyroscope to learn about the physics of motion, forces, and gravity. Learn about gyroscopic forces, and see and feel them in action. Make the gyroscope balance on a tabletop, on a stand, and on a string. Spin the gyroscope inside the included clear plastic sphere and see and feel the forces acting on the sphere, which doubles as a storage case for your gyroscope.

- 3-inch diameter plastic and metal gyroscope
- Clear plastic sphere (also functions as a stand and a storage case)
- 30-inch string



POINT-OF-PURCHASE
DISPLAY HOLDS 12
GYROSCOPES

UNIQUE DESIGN
PLACE ON SURFACES OR
ATTACH TO WALLS!

**BEST
SELLER**
ESSENTIAL
STEM TOOLS

THE THAMES & KOSMOS PLASMA BALL

678001 AGES 14+ RRP: £29.99 CASE: 6
EXPERIMENTS: 5 PIECE COUNT: 2 MANUAL PAGES: 2



Marvel at the wonders of the universe with this mesmerising electric light show. The plasma ball creates a fascinating display of glowing electric tentacles, like lightning flowing from your fingertips.

Plasma is the fourth state of matter. Neither solid, liquid, or gas, it is a super-charged ionised gas found in every star. The plasma ball works by sending a high-voltage, alternating current from a Tesla coil at its core, through a noble gas, to the inner surface of the glass sphere. Escaping electrons cause the inert gas inside the sphere to light up, creating the amazing effects. You can actually see electricity in the palm of your hand with this incredible device.

The plasma ball design allows you to display it on a tabletop or hang it on a wall like a sconce. It can be powered via a USB-C cable or batteries. Turn on the sound-activated mode and watch the plasma arcs dance to the beat of your favourite song.



THE THAMES & KOSMOS TELESCOPE

677016 AGES 8+ RRP: £49.99
CASE: 4
EXPERIMENTS: 1
PIECE COUNT: 7
MANUAL PAGES: 8



Set your sights on the Moon and beyond! With this excellent entry-level telescope, Thames & Kosmos continues a long tradition of inspiring people to reach for the stars. This high-quality refractor telescope with glass optics allows for countless exciting space observations. With it, you can see the Moon and its craters in good detail: Mars, Saturn, Jupiter, and more! Terrestrial observations on Earth are also possible. The included instruction manual guides you through setting up and using the telescope.



NEW!



- Learn how to use a telescope
- See the moon, planets, and stars
- Perfect beginner telescope
- 20x and 100x magnification
- Includes everything you need to start your astronomical observations





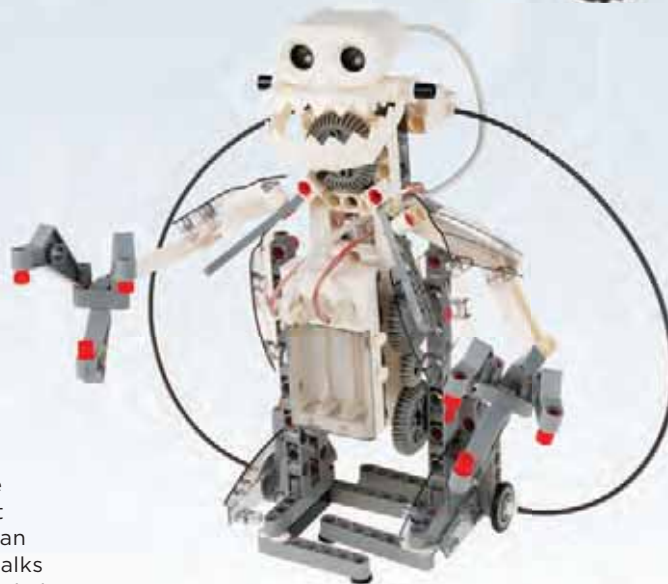
ROBOTICS WORKSHOP

620377 AGES 10+ MSRP: £119.99
 CASE PACK QTY: 3
 MODELS: 10
 PIECE COUNT: 306
 MANUAL PAGES: 64



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.

Free app for IOS and andriod



Free app



Also needed: a tablet running iOS or Android and/or a PC with Internet access. MakeCode is free and web-based, so there are no PC system requirements.



ROBOTICS: SMART MACHINES

620375 AGES 8-14
 RRP: £119.99
 CASE: 6
 MODELS: 8
 PIECE COUNT: 230
 MANUAL PAGES: 64



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.

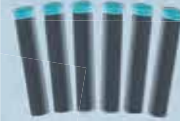
ULTRA BIONIC BLASTER

620502 AGES 10+
 RRP: £34.99
 CASE: 6
 EXPERIMENTS: 6
 PIECE COUNT: 139



Have a blast with this awesome engineering project! Construct an air-powered robotic glove that launches safe foam darts. Learn about pneumatics — technologies that use pressurised air to perform work — and many cool mechanisms as you assemble the blaster from over 100 pieces.

After you've built and tested your blaster, slide it on and strap it to your wrist. The first pull of the trigger causes the scissor arm to lift up the barrels and launch the first dart. Pull the trigger two more times to launch the next two darts. Grab some additional darts from the reserve clip under your wrist and reload. The blaster is entirely powered by your hand and the amazing pneumatic system — no batteries or motors required! Compatible with many standard foam darts.



DARTS INCLUDED!

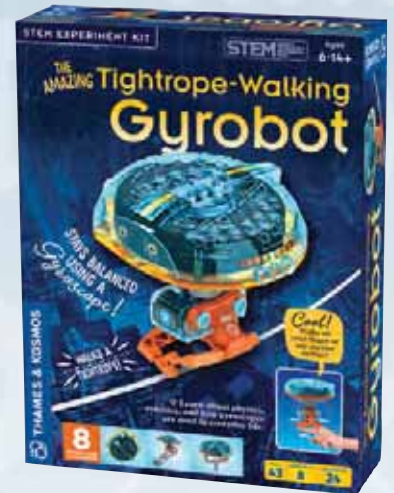


THE AMAZING TIGHTROPE-WALKING GYROBOT

620302 AGES 6-14
 RRP: £34.99
 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 behaviours.

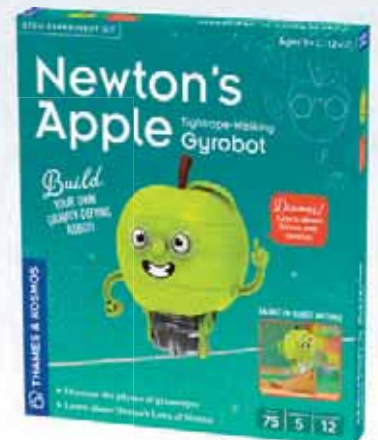


NEWTON'S APPLE: TIGHTROPE-WALKING GYROBOT

620304 AGES 8+
 RRP: £29.99
 CASE: 6
 EXPERIMENTS: 5
 PIECE COUNT: 75
 MANUAL PAGES: 12



An apple that defies gravity and walks a tightrope — what would Isaac Newton have thought? Build a cute apple robot that walks along a tightrope. How? Thanks to the robot's main component, a motorised gyroscope, it can maintain its balance and perform this fun trick without falling over. Through five experiments, you can discover the astonishing powers of the motorised gyroscope and explore the physics behind its amazing behaviors.



KAI: THE ARTIFICIAL INTELLIGENCE ROBOT

620392 AGES 10+
RRP: £119.99
CASE: 3
EXPERIMENTS: 8
PIECE COUNT: 123
MANUAL PAGES: 64



Explore the future of advanced computing technology with KAI – short for Kosmos Artificial Intelligence! Build and program an intelligent, six-legged, app-enabled robot that uses machine learning to react to the gestures and sounds that you make. KAI can walk on its six legs, rotate its upper body 360 degrees, and its face is composed of 25 red LEDs that can be programmed to show different expressions and scrolling messages! Using the included app and your smart device's camera and microphone, record physical gestures and sounds, and assign them to KAI's five functions: walk forwards and backwards, turn left and right, and stop. The AI will learn to recognise each gesture or sound, even if they differ in small details. The more data you collect, the better the AI will learn from it. Create an AI model in the training screen of the app using the data you collected. Then put your AI model to the test in play mode by controlling your robot remotely. Just perform the same gestures or sounds that you did when collecting data, and your robot will perform the assigned function! You can also control KAI directly using the remote-control function in the app or by using your smart device as a gyroscope, tilting it in the direction you want it to move in.



HERO: SOUND-SENSING ROBOT

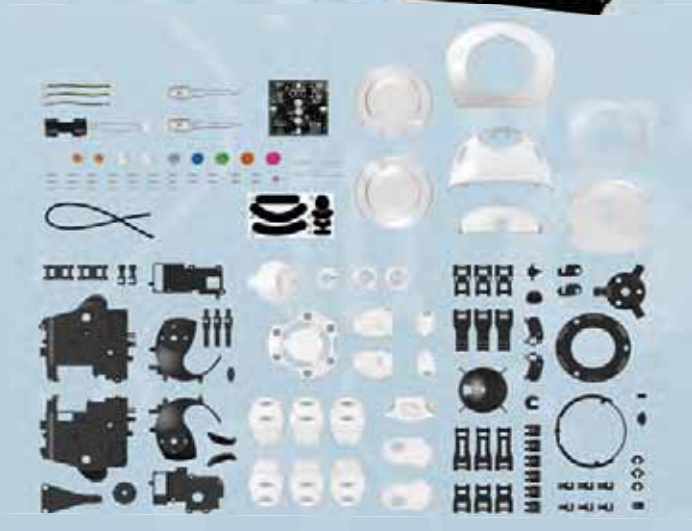
620398 AGES 8+
RRP: £59.99
CASE: 3
EXPERIMENTS: 4
PIECE COUNT: 142
MANUAL PAGES: 52



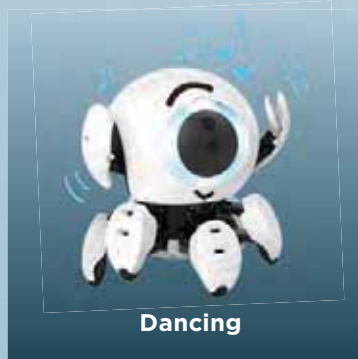
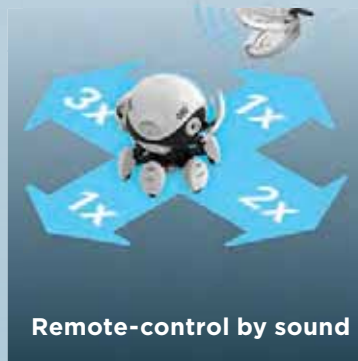
Make some noise, Hero hears everything! Build a unique sound-sensing robot from over 100 parts and learn about engineering and sound technology as you play and experiment with your six-legged robot friend. Thanks to its three directional microphones, Hero perceives and reacts to sounds, allowing you to control it by clapping your hands, snapping your fingers, playing music, or using the included castanet. Activate Hero to follow you around, respond to specific series of sounds, join you in a dance party, or even challenge you to a wild game of tug-of-war! With four different play modes, Hero provides hours of open-ended play and exploration.

Hero's innovative design includes movable arms that disappear into its spherical body and a giant, illuminated eye for making facial expressions. The full-colour, 52-page manual guides you through step-by-step assembly and includes a comic-book-style story about your new robot companion!

- A build-it-yourself robot that combines high-tech, screen-free play with cool lessons on the science of sound
- Hands-on assembly develops fine motor skills and provides firsthand insight into the inner workings of robots
- Advanced robot design includes 2 motors and 3 microphones
- Four unique play modes offer engaging lessons in sound waves and spatial hearing
- Removable stickers give your robot a unique personality and encourage creativity



4 DIFFERENT PLAY MODES

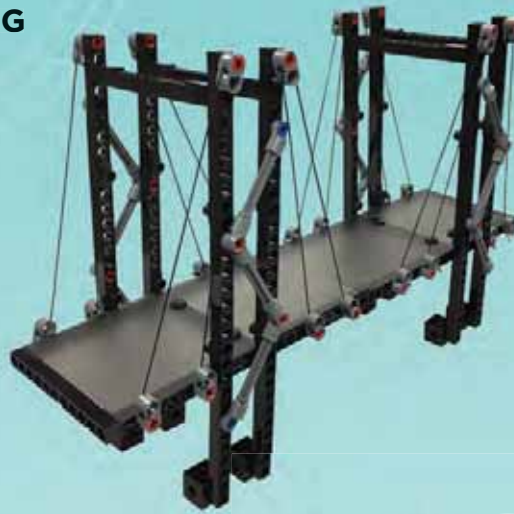


STRUCTURAL ENGINEERING

625414 AGES 8-14
 RRP: £49.99
 CASE: 6
 EXPERIMENTS: 20
 PIECE COUNT: 323
 MANUAL PAGES: 44



With this kit of modular building pieces, you can learn the basics of structural engineering by conducting a series of 20 model-building experiments. Each model demonstrates a basic principle of mechanical physics or structural engineering in a hands-on way.



ARCHITECTURAL ENGINEERING

625416 AGES 8-14
 RRP: £44.99
 CASE: 6
 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.



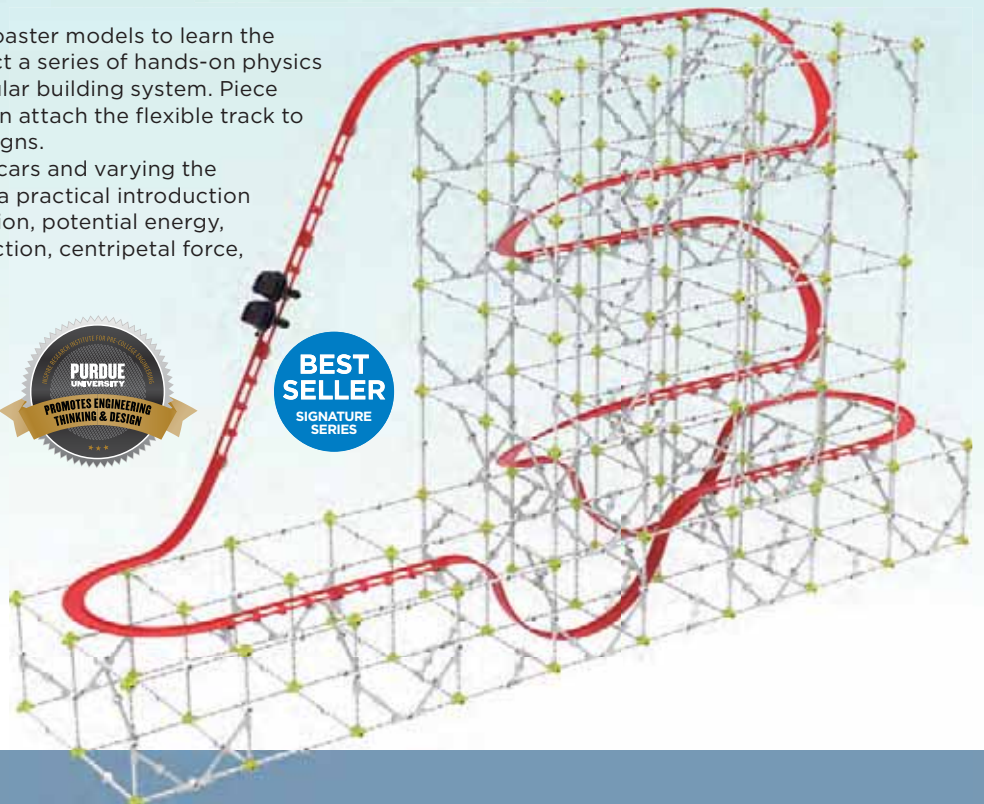
ROLLER COASTER ENGINEERING

625417 AGES 6+
 RRP: £49.99
 CASE: 6 EXPERIMENTS: 20
 PIECE COUNT: 305 MANUAL PAGES: 32



Build and experiment with dozens of roller coaster models to learn the physics of force, motion, and energy. Conduct a series of hands-on physics and engineering lessons with this 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.



THE THAMES & KOSMOS SCIENCE ADVENT CALENDAR

661007 AGES 8+

RRP: £29.99

CASE: 5

EXPERIMENTS: 24

PIECE COUNT: 53

MANUAL PAGES: 4



'Tis the season for science! Christmas time is experimentation time. Discover something new and amazing every day leading up to the holiday. With this advent calendar, children open a new box each day to find new equipment or materials and the instructions for a science experiment. The experiments can be done quickly and only require additional items that are commonly found in every household. Each of the 24 beautifully designed boxes includes unique experiment materials and expertly written and illustrated instructions.

- Daily box cleverly unfolds to reveal an instruction manual with step-by-step directions and scientific explanations.
- Experiments are quick to execute and cover a variety of scientific topics related to chemistry, biology, and physics.
- A fun and engaging way to combine a classic holiday tradition with tried-and-true hands-on learning



Ooze Labs

OOZE LABS CHEMISTRY STATION

642100 AGES 8+
 RRP: £34.99
 CASE: 6
 EXPERIMENTS: 20
 PIECE COUNT: 57
 MANUAL PAGES: 16



**BEST
 SELLER**
 OOZE
 LABS



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.

- Non-hazardous (does not contain borax)
- Printed experiment cards clip onto lab station
- Includes a variety of lab tools and equipment



**“SNEAKY” SCIENCE:
 INTRODUCES SCIENTIFIC
 CONCEPTS IN A FUN
 AND PLAYFUL WAY**





Happy Atoms

A revolutionary approach to teaching chemistry

This physical and digital system lets you discover the world of molecules in an intuitive, hands-on way. Assemble molecules using a set of magnetic atoms representing 16 different elements. Then use the included app (for iOS and Android devices) to scan and identify the molecules. The app teaches you about molecules and bonding with guided labs and open-ended discovery.

HAPPY ATOMS COMPLETE SET

585001 AGES 10-17
RRP: £159.99
CASE: 3 ACTIVITIES: 216 PIECE COUNT: 52
MANUAL PAGES: 16



NEW!



All materials are made of atoms. Why do some atoms combine with each other while other atoms do not? Because atoms just want to be happy! Of course, atoms don't really have feelings. But they do have observable behaviours. When atoms share or exchange electrons to be happy, they stick together. Happy atoms form molecules!

Includes:

- 50 Happy Atoms
- Poster and scanning mat
- Storage bag
- Quickstart manual
- Happy Atoms app

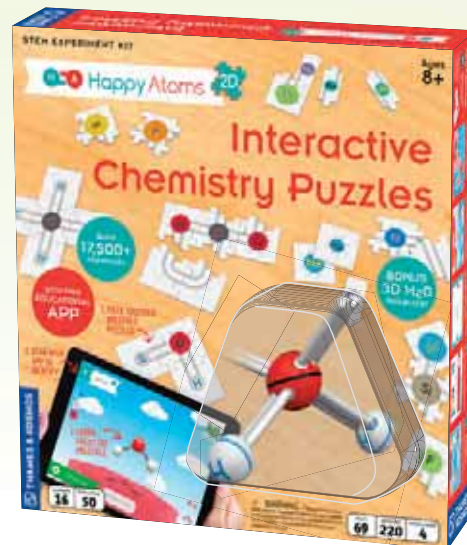


HAPPY ATOMS 2D: INTERACTIVE CHEMISTRY PUZZLES

585005 AGES 8+
RRP: £24.99
CASE: 6
ACTIVITIES: 226
PIECE COUNT: 53
MANUAL PAGES: 4



NEW!



Now you can use Happy Atoms, the revolutionary chemistry teaching tool, in a low-cost, two-dimensional jigsaw-puzzle-style edition. Build more than 17,000 molecules by combining the atoms of 16 elements and scanning them with the app to identify the molecules and learn about them. This kit comes with the same full-featured version of the Happy Atoms app that comes with the original versions of Happy Atoms. Bonus: Includes a sample 3D Happy Atoms water molecule — H_2O !

INTRO TO CHEMISTRY

642525 AGES 8-12
RRP: £39.99
CASE PACK QTY: 5



5 060282 511545

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



CHEMISTRY C500

645571 AGES 10+
RRP: £35.00
CASE PACK QTY: 6
EXPERIMENTS: 28
PIECE COUNT: 18
MANUAL PAGES: 48



50 602825 11521



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.

CHEMISTRY C1000

640118 AGES 10+ MSRP: £60.00
CASE PACK QTY: 5
EXPERIMENTS: 128
PIECE COUNT: 30
MANUAL PAGES: 80



5 060282 511545

**BEST
SELLER**
SIGNATURE
SERIES



Enroll in CHEMISTRY 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.

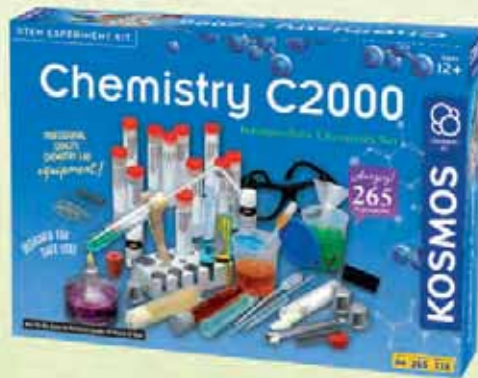


CHEMISTRY C2000

640126 AGES 12+ MSRP: £150.00
CASE PACK QTY: 3
EXPERIMENTS: 250
PIECE COUNT: 50
MANUAL PAGES: 128



5 060282 511323



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.





ELECTRICITY & MAGNETISM

620417 AGES 8+
RRP: £54.99
CASE: 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.



HYDROPOWER

624811 AGES 8+
RRP: £44.99
CASE: 6
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: £44.99
CASE: 5
EXPERIMENTS: 5
PIECE COUNT: 38
MANUAL PAGES: 32



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

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 optimize 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.

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.





MASSIVE ERUPTING VOLCANO

642116 AGES 8-14+
RRP: £29.99
CASE: 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 easily 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.

To make your volcano erupt, 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.

**GIANT!
1 FOOT
TALL**



NATURE DISCOVERY



HUMAN PREGNANCY TORSO

260840 AGES 8+
RRP: £32.99
MANUAL PAGES: 8



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!

HUMAN ANATOMY

260830 AGES 8+
RRP: £32.99
MANUAL PAGES: 8



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!



MY DISCOVERY GIANT TRIOPS

510869 AGES 8+
RRP: £12.99
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!

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



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.

TIGER

261050 AGES 8+
RRP: £32.99



GREAT WHITE SHARK

261110 AGES 8+
RRP: £32.99



MY DISCOVERY TELESCOPE

676919 AGES 6+
RRP: £19.99
CASE: 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!



REBOTZ

REBOOTED ROBOTS//

This squad of lovable robot pals springs into action from a heap of junkyard parts. Collect all three kits and mix up the interchangeable parts to make your own rebooted robotic creations. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.



SCAN FOR VIDEO!



POGO - THE JAMMIN' JUMPING ROBOT

552002 AGES 6+
RRP: £9.99
CASE: 6
MODELS: 1
PIECE COUNT: 12
MANUAL PAGES: 16



HALFPIPE - THE SHREDDING SKATER ROBOT

552003 AGES 6+
RRP: £9.99
CASE: 6
MODELS: 1
PIECE COUNT: 13
MANUAL PAGES: 16




**COLLECT &
COMBINE!**



KNOX - THE WACKY WALKING ROBOT

552004 AGES 6+
RRP: £9.99
CASE: 6
MODELS: 1
PIECE COUNT: 13
MANUAL PAGES: 16





SPY LABS

INCORPORATED

Welcome to Spy Labs Incorporated, your detective gear experts! This line of forensic science activity kits and equipment includes everything you need to become an effective detective, from a tracking device that helps you mark treasures and secret hiding places, to essential spy walkie-talkies that keep you in contact with your fellow detectives, and even a fully-fledged investigation lab, complete with all the tools and equipment to analyse evidence and solve make-believe mysteries and crimes. Explore the science behind detective work as you become a first-class secret agent, unravelling mysteries one tough case at a time.



SECRET MESSAGE TOOLS

548013 AGES 8+ RRP: £5.99
CASE: 10



Exchange confidential messages with your fellow agent using disappearing and reappearing ink that only the two of you can read! Using either of the two secret pens, you can write a message that, once dry, becomes invisible. The other pen will not only reveal the information, but you can also use it to send your reply.



FINGERPRINTING KIT

548014 AGES 8+ RRP: £5.99
CASE: 10



To use fingerprint evidence, the prints need to be made visible, collected, and analysed. In this kit, you will find everything you need to develop and lift a fingerprint, just like a real detective.



SECRET CODES AND CIPHERS

548015 AGES 8+ RRP: £5.99
CASE: 10



Throughout history, encrypted codes have been used to communicate classified information, ensuring that it was concealed and could only be read by the right parties. This kit contains the tools you need to make and exchange your own secret coded messages using four different techniques.



POCKET METAL DETECTOR

548011 AGES 8+ RRP: £11.99
CASE: 5



If any metallic clues or pieces of evidence are hiding nearby, your Pocket Metal Detector will help you find them. This Spy Labs tool will detect metal through other materials like thin layers of soil, fabric, or paper and alert you with an audible beep. Let the hunting begin!



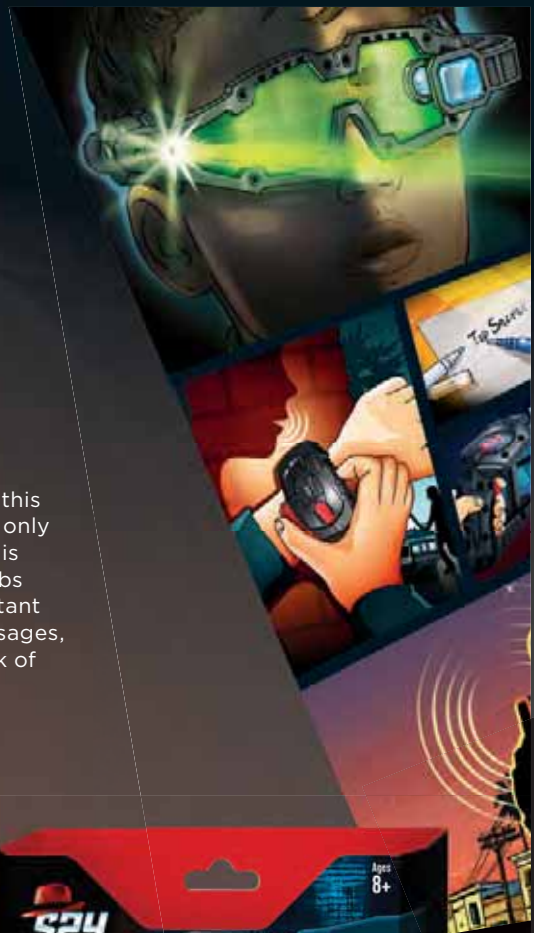
INVISIBLE INK PEN AND UV LIGHT

548012 AGES 8+ RRP: £11.99
CASE: 5



Exchange top secret info with your friends and fellow agents using this high-tech device. The pen uses a special ink that only becomes visible under ultraviolet light, like the one emitted by the flashlight on its opposite end. You can also use the UV light to find other objects and materials that glow.





CRYPTIC PUZZLE SAFE

548007 AGES 8+
RRP: £12.99
CASE: 5



Safeguard your secrets and treasures inside this portable vault! The secret compartment will only open after the correct six-digit combination is entered. You set the code. With your Spy Labs Cryptic Puzzle Safe, rest assured that important belongings like crucial evidence, secret messages, and even your pocket money won't be at risk of falling into the wrong hands!

MOTION DETECTOR ALARM

548009 AGES 8+
RRP: £14.99
CASE: 5



Spies can't be everywhere at once, but you can rest assured that your valuables are safeguarded with this compact alarm system. With two modes, it can detect nearby movements and it can also sense vibrations. When triggered, a three-second alarm will sound so you can catch burglars and rival agents in the act. Even if the device itself is moved, the siren wails and the flashing red light goes off.



VOICE CHANGER

548008 AGES 8+
RRP: £14.99
CASE: 5



Disguise your voice to confuse rival spies and keep your cover during secret investigations. With this voice-distorting device, you can record up to 12 seconds of audio and distort the recording upon playback using the slider to make it sound higher or lower. No one will be able to recognise your voice.





NIGHT VISION GOGGLES

548006 AGES 8+
RRP: £22.99
CASE: 5



**BEST
SELLER**
SPY LABS

Conduct secret missions and surveillance under the cover of night! With these night vision goggles, you are ready to investigate cases and hunt for evidence. Observing a secret nighttime meeting? With the fold-out magnifying lens and scouting scope, you can see details even from a distance. Searching a crime scene in the dark?

The green LED headlamp simulates night-vision technology and allows you to see more clearly in the dark! You can also detach the headlamp and use it as a flashlight.



MASTER DETECTIVE TOOLKIT

548001 AGES 8+
RRP: £39.99
CASE: 5 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.



SPY LOCATION TRACKER

548003 AGES 8+
RRP: £39.99
CASE: 6



Find hidden treasures, track your suspects, mark secret meeting points, and create your own scavenger hunts. The transmitter emits silent, ultrasonic sound waves, which you can detect and track using the handheld detector. Hide the transmitter with a valuable object, an important case document, or a suspect, and then use the detector to search for its whereabouts. When you get close to the transmitter, the LED display on the detector lights up, leading you to the transmitter. Hone your tracking skills to become a super sleuth!

- Locate the transmitter using the ultrasonic sensors on the detector
- Light-up display tells you when you are getting closer
- Mark secret hiding places, objects, and suspects
- Use the tracker when playing hide-and-seek or a scavenger hunt game



FORENSIC INVESTIGATION KIT

548004 AGES 8+

RRP: £27.99

CASE: 5 EXPERIMENTS: 12

PIECE COUNT: 35 MANUAL PAGES: 20

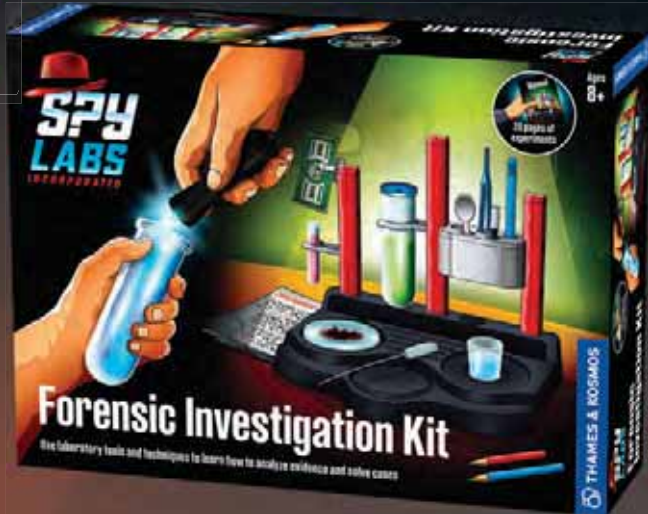


Can you identify an unknown liquid or powder? What secrets become visible under a UV light? How do you analyse fingerprints, soil, ink, and handwriting samples?

Assume the role of a forensic scientist to find out! Perform experiments on evidence in this large laboratory station using chemical and physical techniques. Analyse solids and liquids, make a fluorescent solution, inspect invisible ink, lift fingerprints, look for counterfeit bills, and examine ink using chromatography. The experiments are accompanied by exciting stories of make-believe mysteries and crimes to solve.

- Examine evidence in the laboratory
- Conduct fascinating experiments
- Discover hidden secrets with the UV flashlight, fingerprint powder, pH test strips, and more

BEST SELLER
SPY LABS



SPY LABS FLOOR DISPLAY

548001-FD1



CREATTO LightUp 3D PUZZLE™

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!

- Promotes creativity and individuality
- Building instructions are language independent; just follow the visual steps to learn how the Creatto system works — and how easy it is to use!
- Step-by-step building videos available online
- Strings of coloured LED lights to illuminate your works of art from the inside out!



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



CREATTO ELEPHANT

03461 AGES 8+
RRP: £11.99
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 40
LED LIGHTS: 20
BUILD TIME: 15-20 MIN.

LIMITED STOCK



CREATTO LOVE™

03493 AGES 8+ RRP: £5.99
CASE PACK QTY: 6
MODELS: 4
PIECE COUNT: 77
LED LIGHTS: 40
BUILD TIME: 20-30 MIN.

LIMITED STOCK



DINO PLANET

888024 AGES 8+
RRP: £24.99
CASE: 6
MODELS: 4 PIECE COUNT: 190
LED LIGHTS: 40 BUILD TIME: 20-30 MIN.



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.



MAGIC HAT

680282 AGES 6+
RRP: £29.99
CASE: 4
TRICKS: 35
PROPS: 40
MANUAL PAGES: 20



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



8 14743 01254 7



MAGIC: SILVER EDITION

698225 AGES 8+
RRP: £23.99
CASE: 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



8 14743 01201 1



MAGIC: GOLD EDITION

698232 AGES 8+
RRP: £34.99
CASE: 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



8 14743 01202 8



PRODUCT DATA

PAGE NUMBER	ITEM NUMBER	PRODUCT DESCRIPTION	MINIMUM AGE (yrs)	SINGLE UNIT DIMS (cm)	CASE DIMS (cm)	SINGLE UNIT WEIGHT (kg)	CASE UNIT WEIGHT (kg)	UNITS PER CASE	COUNTRY OF ORIGIN	BARCODE
3	550201	Gecko Run Starter Set	8+	25 x 28 x 6.6	34 x 30.5 x 28.7	0.5	3.2	5	Germany	814743017870
4	550202	Gecko Run Trampoline	8+	12 x 28 x 5	29 x 21.6 x 12.7	0.1	0.8	4	Germany	814743017887
4	550203	Gecko Run Looping	8+	12 x 28 x 5	29 x 21.6 x 12.7	0.1	0.8	4	Germany	814743017894
4	550204	Gecko Run Twister	8+	12 x 28 x 5	29 x 21.6 x 12.7	0.1	0.8	4	Germany	814743018785
4	550205	Gecko Run Snake	8+	12 x 28 x 5	29 x 21.6 x 12.7	0.1	0.8	4	Germany	814743018792
6	511699	Gummy Candy Lab	8+	22 x 28 x 6.4	31 x 28.7 x 22.4	0.5	2.4	5	USA	814743011915
7	550049	Weather & Climate Lab	6+	25.4 x 28 x 6.4	39 x 30 x 28	0.3	2	6	China	814743016958
10	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
6	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
6	550048	Water Power: Rocket Propelled vehicles	8+	28 x 10 x 10	32 x 30 x 21.5	0.3	2.4	6	Taiwan	814743016941
8	550056	Catapult Engineering	8+	25.4 x 28 x 4.3	32.5 x 29.3 x 28	0.4	3	6	Taiwan	814743018709
9	550037	Orbiting Solar System	6+	25.4 x 28 x 6.4	40.6 x 30.5 x 28	0.6	4.5	6	Taiwan	814743015685
9	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
10	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
10	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
11	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
12	567012	Intro to Tools & Building	3+	37 x 29.2 x 7	42.5 x 39 x 32.5	1.1	7.8	6	Taiwan	814743016873
12	567018	Intro to Gears	3+	37 x 29.2 x 7	42.5 x 39 x 32.5	1.2	8	6	Taiwan	814743016880
12	567006	Automobile Engineer	3+	37.3 x 16 x 24	51 x 41 x 33	1.8	8.5	4	Taiwan	814743011380
12	567009	Robot Engineer	3+	37.3 x 16 x 24	51 x 41 x 33	1.5	6.5	4	Taiwan	814743012042
13	567016	Robot Factory	5+	25.5 x 28 x 6.5	33 x 30.5 x 28	0.5	2.8	4	Taiwan	814743014879
14	606114	Kids First Weather Science	5+	20 x 20 x 6	22 x 22 x 38	0.3	2.1	6	Germany	857853001452
14	606115	Kids First Plants Science	5+	20 x 20 x 6	22 x 22 x 38	0.3	2.1	6	Germany	5060282510876
13	567003	The Human Body	5+	37 x 29.5 x 8	43 x 41 x 33	0.9	5	5	Germany	814743011359
13	567001	Stepping into Science	5+	37 x 29.5 x 8	43 x 41 x 33	0.8	4.5	5	Germany	814743011335
14	678005	Microscope	8+	14 x 24.4 x 11.4	29.7 x 26 x 24.6	0.6	3.2	4	China	814743018716
14	678004	Planetarium Projector	8+	16.5 x 16.5 x 16.5	52 x 35 x 19	0.5	3.6	6	China	814743017931
15	678002	Gyroscope	8+	10 x 10 x 10	42 x 42 x 32	0.2	2.9	12	China	814743016996
15	678001	Plasma Ball	14+	14.5 x 14.5 x 25	45 x 30.5 x 28	0.5	3.2	6	China	814743016989
15	677016	Telescope	8+	38 x 20 x 9	40 x 21 x 38	0.9	3.9	4	China	814743016972
16	620377	Robotics Workshop	10+	54 x 37 x 10	56 x 33 x 38	1.5	5	3	Taiwan	814743012080
16	620375	Robotic Smart Machines	8+	48.5 x 33 x 10	53.5 x 41 x 35.5	1.4	6.1	3	Taiwan	814743011489
17	620502	Ultra Bionic Blaster	10+	25.5 x 28 x 3.5	53 x 38 x 30.5	0.7	5	6	Taiwan	814743016910
17	620302	Tightrope-Walking Gyrobot	6+	25.5 x 33 x 8	35.5 x 35.5 x 28	0.7	3.6	4	Taiwan	814743014893
17	620304	Newton's Apple: Tightrope Gyrobot	8+	25.5 x 28 x 3.5	30 x 28 x 23.5	0.4	2.5	6	Taiwan	814743017948
18	620392	KAI: Artificial Intelligence Robot	10+	25.5 x 28 x 12	38.5 x 30 x 27	0.8	2.7	3	Taiwan	814743017009
19	620398	Hero: Sound-Sensing Robot	8+	25.4 x 28 x 12	38.6 x 30 x 27	0.8	3	3	Taiwan	814743018556
20	625414	Structural Engineering	8+	37 x 29.5 x 8	43 x 41 x 33	1	6.4	6	Taiwan	814743012585
20	625416	Architectual Engineering	8+	37 x 29.5 x 8	43 x 41 x 33	1	5.4	5	Taiwan	814743014138
20	625417	Roller Coaster Engineering	6+	37.1 x 29.2 x 7.9	43.2 x 40.6 x 33	0.9	4.5	5	Taiwan	814743015845
21	661007	STEM 2023 Advent Calendar	8+	37 x 29 x 6	39 x 32 x 31	0.6	3.9	5	China	814743018297

PRODUCT DATA

PAGE NUMBER	ITEM NUMBER	PRODUCT DESCRIPTION	MINIMUM AGE (yrs)	SINGLE UNIT DIMS (cm)	CASE DIMS (cm)	SINGLE UNIT WEIGHT (kg)	CASE UNIT WEIGHT (kg)	UNITS PER CASE	COUNTRY OF ORIGIN	BARCODE
	661008	STEM 2024 Advent Calendar	8+	37 x 29 x 6	39 x 32 x 31	0.6	3.9	5	China	
22	642100	Ooze Labs Chemistry Station	8+	42.7 x 29.2 x 8.1	43.8 x 26.7 x 31.7	1.5	4	3	Taiwan	5060282511149
23	585001	Happy Atoms Complete Set	10+	45.5 x 31 x 9.6	48 x 35 x 33	1.8	5.7	3	China	814743011953
23	585005	Happy Atoms 2D: Interactive Puzzles	8+	23 x 24 x 7.5	42 x 26 x 25.5	0.4	2.7	6	China	814743015821
24	642525	Intro to Chemistry	8+	43 x 29.5 x 8	46 x 46 x 33	1.4	7.5	5	Germany	5060282511545
24	645571	Chemistry C500	10+	33.3 x 22.6 x 6.6	35.3 x 35 x 25.8	0.6	3.2	5	Germany	5060282511521
24	640120	CHEM C1000 (V 2.0)	10+	37 x 29.5 x 8	43 x 41 x 33	1	5.5	5	Germany	5060262511392
24	640126	CHEM C2000 (V 2.0)	12+	54 x 37 x 12	56 x 38 x 38	1.9	6.2	3	Germany	5060282511323
25	620417	Electricity & Magnetism	8+	43 x 29.5 x 8	46 x 46 x 33	1.1	6	5	China	814743010451
25	624811	Hydropower	8+	37 x 29.5 x 8	43 x 41 x 33	1	5.5	5	Taiwan	857853001841
25	627929	Wind Power	8+	37 x 29.5 x 8	43 x 41 x 33	1.1	6	5	Taiwan	814743014916
26	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
26	260840	Human Pregnancy Torso	8+	29.5 x 7 x 23	39 x 30 x 35	0.4	2.9	6	China	5060282511163
26	260830	Human Body	8+	29.5 x 7 x 23	39 x 30 x 35	0.4	2.9	6	China	5060282510746
26	510869	My Discovery Giant Triops	8+	43 x 29.5 x 8	46 x 46 x 33	0.8	4.5	5	Germany	5060282510869
27	261110	Great White Shark	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.6	2.9	4	China	5060282510579
27	261050	Tiger	8+	37.5 x 27.5 x 8	39 x 30 x 35	0.6	2.9	4	China	5060282510586
27	676919	My Discovery Telescope	6+	43 x 14.5 x 4.5	46 x 31 x 31.5	0.4	4.5	12	Taiwan	814743014770
28	552002	ReBotz: Pogo	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015777
28	552003	ReBotz: Halfpipe	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015784
28	552004	ReBotz: Knox	6+	10 x 10 x 9.6	33 x 23 x 13	0.2	1.8	6	China	814743015791
29	548013	Spy Labs Secret MessageTools	8+	11 x 7.6 x 3	30.5 x 12 x 8.4	0.1	1	10	China	814743017726
29	548014	Spy Labs Fingerprinting Kit	8+	11 x 7.6 x 3	30.5 x 12 x 8.4	0.1	1	10	China	814743017733
29	548015	Spy Labs Secret Codes and Ciphers	8+	11 x 7.6 x 3	30.5 x 12 x 8.4	0.1	1	10	China	814743017740
29	548011	Spy Labs Pocket Metal Detector	8+	14 x 10 x 5	26 x 15 x 11.4	0.1	1	5	China	814743017702
29	548012	Spy Labs Invisible Ink Pen	8+	14 x 10 x 5	26 x 15 x 11.4	0.1	1	5	China	814743017719
30	548007	Spy Labs Cryptic Puzzle Safe	8+	19.5 x 22 x 5.8	29.2 x 22.9 x 20	0.2	1.2	5	China	814743017665
30	548009	Spy Labs Motion Detector Alarm	8+	19.6 x 22 x 3.8	25 x 23 x 22	0.1	1	5	China	814743017689
30	548008	Spy Labs Voice Changer	8+	19.6 x 22 x 3.8	25 x 23 x 22	0.1	1	5	China	814743017672
31	548006	Spy Labs Night Vision Goggles	8+	16.5 x 22 x 6.4	31.8 x 24 x 17.8	0.1	1.3	5	China	814743017658
31	548001	Spy Labs Master Detective Toolkit	8+	26 x 20 x 8	43 x 28 x 23	1.1	6	5	Germany	814743016378
31	548003	Spy Labs Location Tracker	8+	16.5 x 22 x 14	41.4 x 35.6 x 25.4	0.5	3.2	6	China	814743017627
32	548004	Spy Labs Forensic Investigation Kit	8+	29 x 21.5 x 8	45 x 24 x 32	0.5	3.25	5	Taiwan	814743017634
33	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	814743014954
33	03493	Love (Midi)	8+	25.5 x 23.5 x 4.8	30.5 x 26.5 x 25.5	0.5	3.3	6	Taiwan	570002003560
33	888024	Dino	8+	25 x 23.6 x 4.6	30 x 27 x 25	0.3	2.9	6	Taiwan	814743017771
34	680282	Magic Hat	6+	25.5 x 25 x 17	54 x 35.6 x 28	0.9	4	4	Thailand	814743012547
34	698225	Magic Silver	8+	36 x 26 x 8	48.5 x 28 x 38	0.8	4.5	6	Thailand	814743012011
34	698232	Magic Gold	8+	47.5 x 33.5 x 8	48.5 x 41 x 35.5	1	4.5	4	Thailand	814743012028

GAMES

MASTERS
OF CRIME



EXIT
THE GAME

STORYTELLING GAMES

TWO-PLAYER GAMES



TARGUI

LOST
CITIES



Dragonkeepers

THE GANG



FAMILY STRATEGY GAMES

FAMILY & KIDS GAMES

INGENIOUS



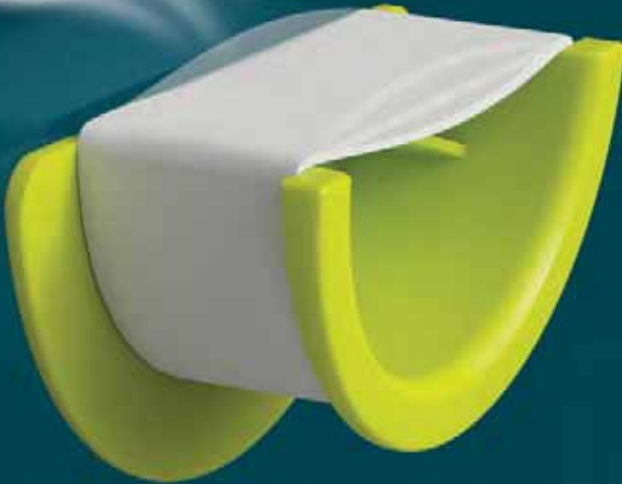
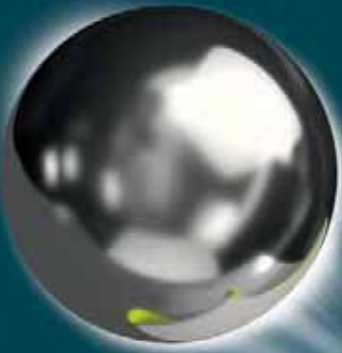
DON'T MISS OUR
GAMES CATALOGUE
FOR EVEN MORE
AMAZING PRODUCTS!

GET IN TOUCH TO REQUEST A COPY
GAMES@THAMESANDKOSMOS.CO.UK

01580 713000

GECKO RUN

MARBLE RUN



Thames & Kosmos
20 Stone Street
Cranbrook
Kent
TN17 3HE
United Kingdom

phone 01580 713000
email: sales@thamesandkosmos.co.uk

www.thamesandkosmos.co.uk

© 2023 Thames & Kosmos LLC. ®Thames & Kosmos and Circles Logo are registered trademarks of Thames & Kosmos LLC. All rights reserved.

THAMES & KOSMOS

