


JR. SCIENTIST™





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Assemble a REAL Working Auxiliary Speaker!

D.I.Y. Sound Cylinder

New

GK087 6+



This do-it-yourself kit is an easy and fun way to learn basics of an audio system.

- 1 x printed cardboard (foldable)
- 1 x protective acetate sheet (foldable)
- Amplifier Module
- Dynamic speaker assembly
- Power pack
- 2 x Plastic end caps
- 2 x Foot Rests
- 1 x audio cable



GK088 6+



DIY Microscope Kit is easy to assemble yourself with detailed instructions. This is a real-working Microscope with 100x-750x Zoom.

- 9" Microscope
- Huygens Eyepiece 12x-18x
- 8x, 25x, 42x objective lens
- Color Filters
- 2 Blank Slides
- Lens Cover
- Button Cell Battery (included)
- Instruction Manual



New



Assemble a REAL Working Microscope!
D.I.Y. 750x Microscope Kit

Assemble a REAL Working Microscope!

600x Microscope with **D.I.Y.** Paper Microscope

GK089 6+



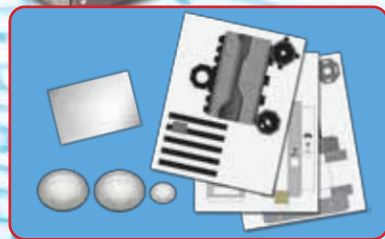
600x Microscope

- 15cm (6") Microscope
- 2 Prepared Slides
- Instruction Manual

DIY Microscope Kit is easy to assemble yourself with detailed instructions. This is a real-working Microscope.

- Paper microscope
- Plano-convex lens
- 2 Convexo-convex field piece
- Mirror

New





Air Engine Helicopter

Air Engine Car

Air Engine

Flying circle

GK001 8+

An experiment kit that lets you make two different kinds of mechanics using an "air engine" that runs on the power of air.

- Makes a sound just like a real engine!
- Harness the power of compressed air to launch items into the air!
- Science guide included



EXPERIENCE THE POWER OF AIR

Air Engine Car • Helicopter



DISCOVER HOW CAMERAS WORK

Lens x Pinhole Experiment Camera



You can view the image reflected inside the camera on the translucent screen.



It even has a zoom function! (with the pinhole)



GK002 8+

The lens and pinhole can be removed and replaced. Discover the principle behind two images combining.

- You can view the image reflected inside the camera on the translucent screen.
- With the photo paper and film, you can make actual photographs!
- Science guide included



5



Marvel at the
mysteries
of insects!



Insect Catcher

Ant Nest
Observation Set

GK003 8+



This kit is used to collect and observe ants and other small insects. It lets you clearly see how ants build their colonies.

- Easily collect ants and other small insects without harming them. Use a magnifying glass to view them from inside the case.
- Collect ants and watch as they build a colony!
- Science guide included



MARVEL AT THE MYSTERIES OF INSECTS!

Insect Catcher • Ants' Nest Case



DISCOVER THE SECRETS OF CELESTIAL BODIES

Experiment Telescope



GK004 8+

- Fit the convex lens onto the telescope, and it's just like the one invented by German astronomer Johannes Kepler!
- Fit the convex and concave lenses onto the telescope, and it's just like the one invented by Italian scientist Galileo Galilei!
- Assembling the lenses will teach you about how light travels. Experiment with making a telescope and a microscope using convex and concave lenses.
- Science guide included

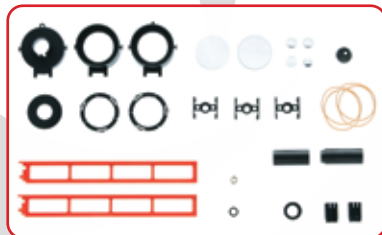


Assemble four convex lenses to make a high-powered "JR. SCIENTIST" telescope.

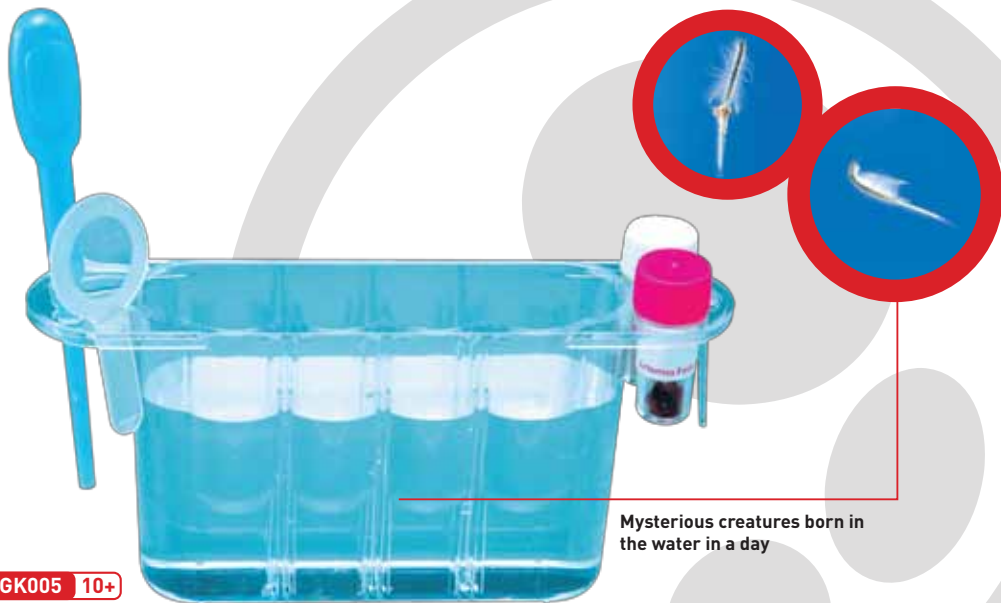
Let's probe the mystery of star



Tripod
not included



7



Mysterious creatures born in
the water in a day

GK005 10+

The provided kit allows you to grow and observe *Artemia Salina* (Also known as Brine Shrimp) with ease. With the water lens in the water tank, magnifying glass, and observation plate, you can observe the progress of the growth of brine shrimp.

- Science guide included



OBSERVE THE WONDERS OF UNDERWATER LIFE

Brine Shrimp Aquarium

AN EXPEDITION INTO THE MICROSCOPIC WORLD

Probe Microscope



GK006 8+



The light provided in the bonus items is meant not only to help view your samples brighter and clearer, but it also helps to change the angle of the microscope, so that the surface of the sample can be observed more in detail. The reflection light from the top and the transmission light from the bottom - both make your observations more real and rewarding. The slide with the bulging portion in the centre helps hold living/moving things in place and observe them with ease.

- Science guide included



Projection type

Projecting the picture on to a wall or another surface helps with making multiple observations. You can also trace the sample by projecting it onto a white paper.



Easy to Carry

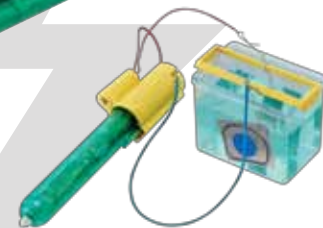


Can be used for outdoor observation

9



This item is not a toy



GK007



Plating pen can easily do argent plating only by writing. It also is an electric pen which writes pictures and words by electric power.

It is able to plate with the water tank, too by using the pen as a battery box. Since metal fittings for the key ring are included, it is able to finish up as accessories, too.

- Science guide included



QUICK & EASY CHEMISTRY EXPERIMENT

Metal Plating Pen • Electric Pen Set



RE-CREATE THE DINOSAURS

Tyrannosaurus 1/35 Skeleton Model & Dinosaur Tooth, Trilobite, Ammonite Fossil Replica Creation Kit



Color it to make it look like the real thing!

GK008 8+

This is a model based on the latest research on the Tyrannosaurus that lived in the Cretaceous period. By assembling and observing it you can research the ecology and evolution of dinosaurs.

- Tarbosaurus
- Triceratops tooth
- Hadrosaurus tooth
- Iguanodon
- Ammonite
- Trilobite

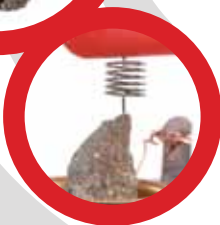


GK009 8+



Mineral radio gateway kit that will enable you to conduct a radio wave experiment

- Capture AM broadcasting radio waves!
You can hear them even if you do not have a battery!
- Science guide included



RADIO WAVE EXPERIMENT

Mineral Radio Gateway Kit



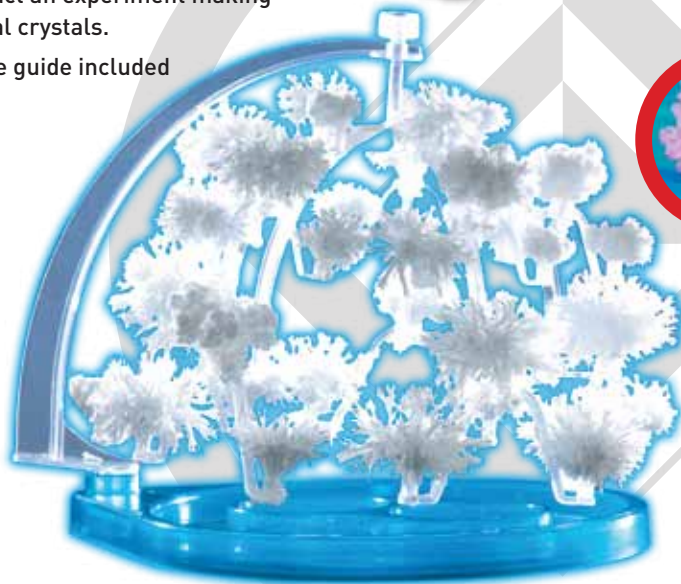
Crystal Making Experiment Set



GK010 10+

This enables you use pointed crystal base to create beautiful acicular (needle-shaped) crystals used to make crystal mobiles and crystalline figures. By using gemstone crystal base (alum), you can conduct an experiment making octahedral crystals.

- Science guide included



⚡ Crank the handle!
⚡ Generate electricity! ⚡



Hand dynamo
helicopter



Flip-flop turtle

GK011 8+

You can generate electricity by cranking the handle on the generator. Using the electricity you generate, you can power a helicopter and flip-flop turtle that use a mini motor.

- Science guide included



GENERATION OF ELECTRICITY

Hand Dynamo Helicopter & Flip-Flop Turtle



DISCOVER THE SECRETS OF CELESTIAL BODIES

Stethoscope for Detecting The Sound of Ant's Footsteps

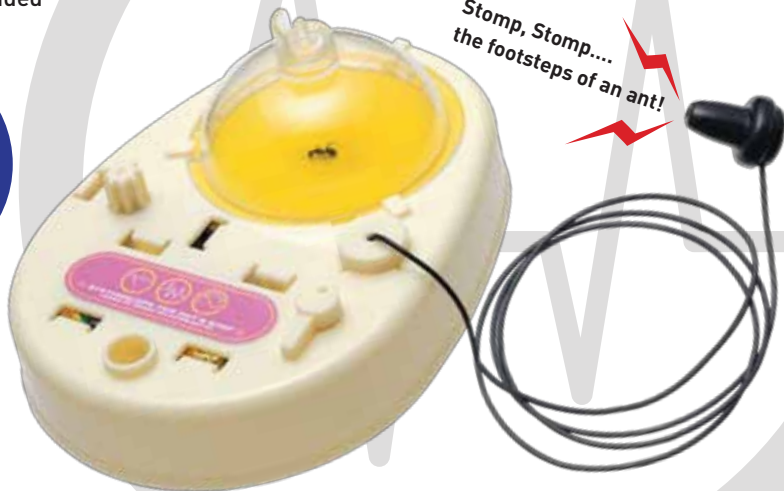


GK012 8+



With this apparatus, you can hear sounds that you would not normally hear. You can hear the sounds of the microscopic world - such as an ant's footsteps. You can also conduct other sound experiments.

- Science guide included



GK013 8+



No matter how many falls and stumbles, Co-Bot gets up without any help! How does Co-Bot maneuver these complex motions?

The secret is in its original mechanism.

- Science guide included



Let's video time!



Scan in the browser of your mobile device



AMAZING AND AMUSING WALK! Tumbling Robot



WATER & COMPRESSED AIR

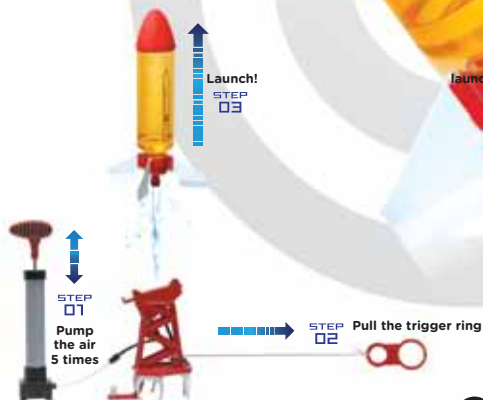
Water Rocket



GK014

Using water and compressed air, Water Rocket flies with the same basic concept as real rockets. By adjusting the amount of air and water, the distance of flight can be varied. Let's learn about air pressure and how it works!

- Science guide included



This item is not a toy



GK015 8+



The UFO stops running when it hears a sound. As the saucer drops to the ground, the alien start rising.

When the alien is completely revealed, the alien starts turning around and moving arms wildly.

The turning continues till next sound is heard.

- Science guide included



STOP AND GO WITH SOUND SIGNAL! Sound Control UFO



SCIENCE OF ELECTRIC GUITAR

Mini Electric Guitar



GK016 8+



The kit includes everything you need to build a 4 string electric guitar. It incorporates with a built-in amp circuit good for solo playing with connection to an amplifier for louder output. It is easy to assemble with adult supervision. You could learn about circuitry and guitar construction as you assemble audio components and attach them to the guitar frame.

- Science guide included



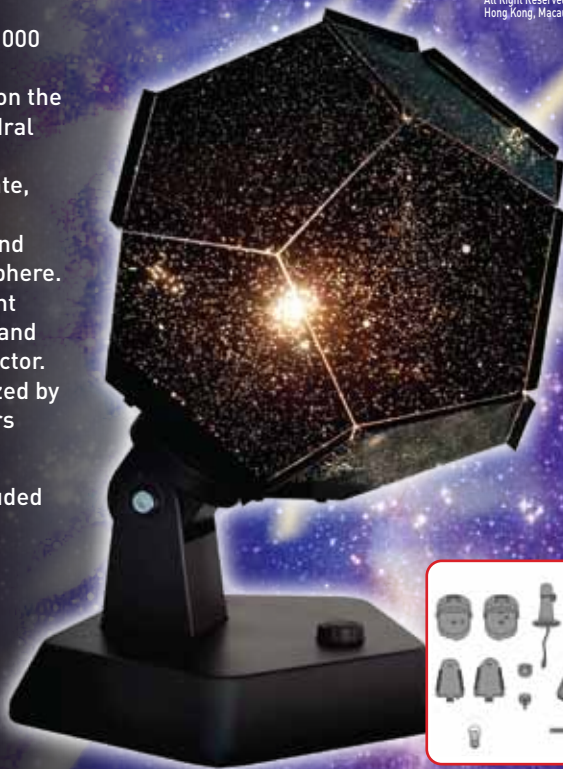
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GK018 8+



There are approx. 10,000 stars greater than magnitude 7 plotted on the surface of dodecahedral star sphere. You can select a particular date, place, and time by adjusting the angle and rotation of the star sphere. You can learn different methods to remodel and customize your projector. You will be mesmerized by the beauty of the stars filling up your room!

- Science guide included



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HOW WOULD YOU LIKE TO BE SURROUNDED BY 10,000 SHINING STARS?
The Pinhole Planetarium

LUMINOUS LIGHT FILLS UP YOUR ROOM

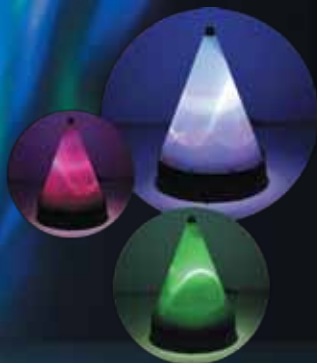
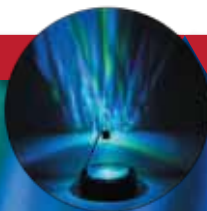
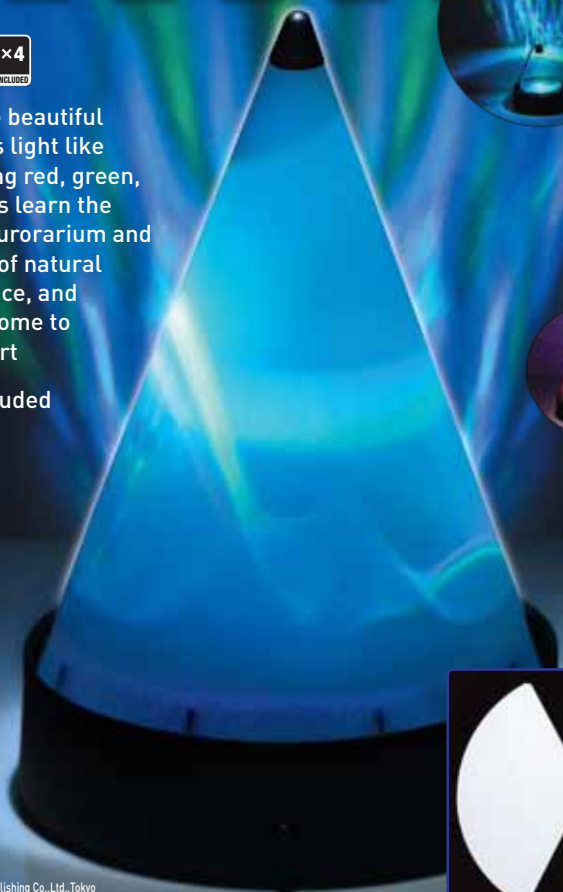
Aurorarium

GK019

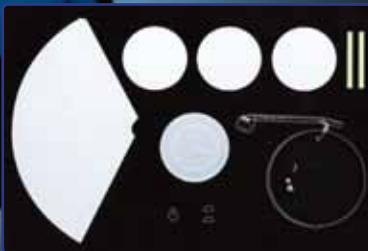


Aurorarium produce beautiful streams of luminous light like Aurora Borealis using red, green, and blue LEDs. Let's learn the mechanism of the Aurorarium and discover the beauty of natural light, bioluminescence, and artificial light. Welcome to Luminous Science Art

- Science guide included



This item is not a toy



Science toy will give you a wonderful hands-on experience. Witnessing this amazing real life phenomena will grow your interest in science.

Easy assembly will let you enjoy playing with the toy without delay. Have fun and become familiar with science alone or together with the whole family.

- Science guide included



This item is not a toy



AMAZING TO MAKE EXCITING TO LEARN FULL OF DISCOVERY AND FUN
The Cross Copter

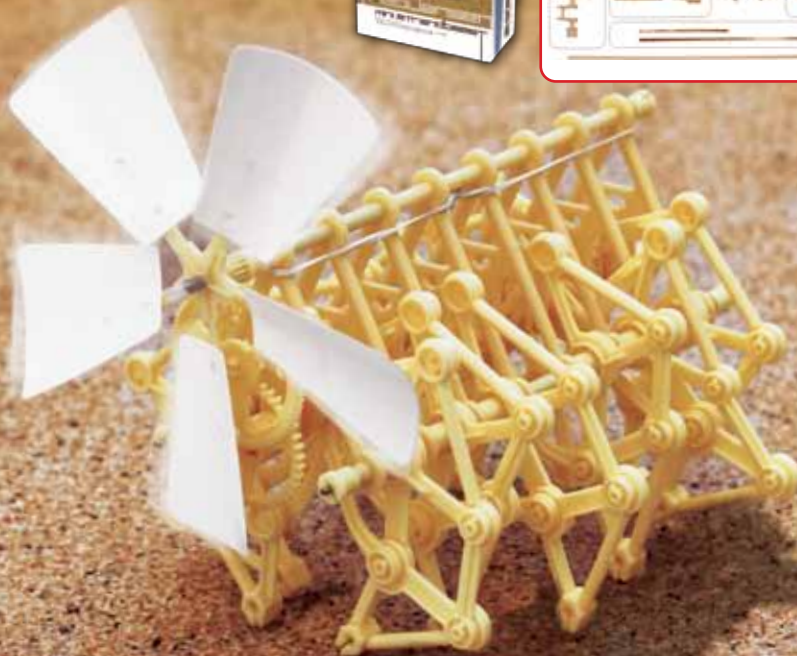
WIND-WALKING ARTIFICIAL LIFE

Theo Jansen's Mini Strandbeest

GK021 8+

Walk majestically into the wind, minibeest is a miniature size reproduction of the mega artificial life, strandbeest

- science guide included



GK022 8+

Mini Rhinoceros has excellent connections between crank shaft and every part enabling each leg to move smoothly.

It has a very interesting mechanism: blowing into the fan makes the animal start walking against the wind.

The wind power is conveyed to the legs by 3 gears.








Enjoy the wonderful speed of Mini Rhinoceros!









- Science guide included



WALK AGAINST WIND. WALK JUST LIKE THE LIVING
Theo Jansen's Mini Rhinoceros

Item No.	Description		Image	Packing		Measurement			
				Page	pcs/ctn	CBM	G.W. (Kg)	Cu. Ft.	G.W. (Lb)
GK087	D.I.Y. Sound Cylinder	New		01	12				
GK088	D.I.Y. 750x Microscope Kit	New		02	12				
GK089	600x Microscope with D.I.Y. Paper Microscope	New		03	12				
GK001	Air Engine Car • Helicopter			04	12	0.056	9.5	2.00	20.90
GK002	Lens x Pinhole Experiment Camera			05	12	0.048	7.5	1.71	16.40
GK003	Insect Catcher • Ants' Nest Case			06	12	0.048	7.7	1.71	16.94
GK004	Experiment Telescope			07	12	0.048	7.2	1.71	15.84
GK005	Brine Shrimp Aquarium			08	12	0.048	7.2	1.71	15.84

Item No.	Description	Image	Packing		Measurement			
			Page	pcs/ctn	CBM	G.W. (Kg)	Cu. Ft.	G.W. (Lb)
GK006	Probe Microscope		09	12	0.048	7.0	1.71	15.40
GK007	Metal Plating Pen • Electric Pen Set		10	12	0.048	7.1	1.71	15.62
GK008	Tyrannosaurus		11	12	0.056	12.2	2.00	26.84
GK009	Mineral Radio Gateway Kit		12	12	0.048	7.7	1.71	16.94
GK010	Crystal Making Experiment Set		13	12	0.048	8.9	1.71	19.58
GK011	Hand Dynamo Helicopter & Flip-Flop Turtle		14	12	0.048	7.2	1.71	15.84
GK012	Stethoscope for Detecting The Sound of Ant's Footstep		15	12	0.048	6.9	1.71	15.18
GK013	Tumbling Robot		16	12	0.056	6	2.00	13.20

Item No.	Description	Image	Packing		Measurement			
			Page	pcs/ctn	CBM	G.W. (Kg)	Cu. Ft.	G.W. (Lb)
GK014	Water Rocket		17	12	0.056	6.11	2.00	13.44
GK015	Sound Control UFO		18	12	0.056	5.8	2.00	12.76
GK016	Mini Electric Guitar		19	12	0.064	10.2	2.28	22.44
GK018	The Pinhole Planetarium		20	12	0.048	6.7	1.71	14.74
GK019	Aurorarium		21	12	0.048	6.04	1.71	13.29
GK020	The Cross Copter		22	12	0.048	5.0	1.71	11
GK021	Theo Jansen's Mini Strandbeest		23	12	0.048	6.28	1.71	13.82
GK022	Theo Jansen's Mini Rhinoceros		24	12	0.056	6.81	2.00	14.98





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