

KOSMOS HIGHLIGHT NOVELTIES 2024 SCIENCE

- press kit -

Contact

Silke Ruoff
Head of
PR & Communication
s.ruoff@kosmos.de
0711 2191 - 454

Anna Satrapa
PR & Communication
Games
a.satrapa@kosmos.de
0711 2191 – 482

Lena Griem
PR & Communication
Science
l.griem@kosmos.de
0711 2191 – 118

KOSMOS press kit

Contents:

KOSMOS green science portfolio

- Eco-House
- Lotus-Flower
- Fun Science Aqua Gel Plants

KOSMOS robotic portfolio

- Solar Bots
- Boxing Bots – The Robot-Duell
- Fun Tech Flip-Monster

Gecko Run marble run

- Previous and new expansions

Green Science

PresseInformation

A small-scale look at the big-picture impact of sustainable living

Exploring renewable energy and ecological living in a fascinating model house



Eco-House

from 8 years

Format: 37,5 x 29,5 x 8,5 cm (LxBxH)

€/D 79,99

EAN 4002051621070

August 2024

How does sustainable and resource-saving living actually work? Everything in this model house is powered by solar energy: From the lighting system that is powered by light sensors, to the autonomous lawnmower robot and a functioning heat pump, kids are invited to make exciting discoveries and conduct educational experiments with the "Eco House". Experiments on saving energy, green roofs, isolation options and adapting to the seasons provide a comprehensive understanding of green living.

The model house is constructed from environmentally friendly certified solid cardboard and comes with solar cell that attaches to the roof. The energy generated can be used to power various technical devices in the house, providing an understanding of energy generation and transmission as you conduct a variety of experiments on the model. The detailed instructions also provide background information that explains how these experiments showcase scientific concepts in real-world building technology and ecological living.

Even after experimenting, the house can be used or repurposed in a sustainable way. The manual offers a wide range of inspiration on how the individual parts, such as the solar cell or roof planting, can be used in other ways to give them a new life through upcycling.

Bring your own ecological miniature house to life and get to know the possibilities of the future: The Eco House encourages practical learning and creative design and offers exciting insights into the field of sustainable technology.

PresseInformation

Material: Model house made of solid cardboard, transparent foils, seed bags of wheatgrass, absorbent cotton mat, plastic basin, measuring cup, thermo strips, solar panel, two LEDs, phototransistor, miniature lawnmower robot, water pump, transparent silicone tube, battery charging station, sticker sheet, color illustrated instructions

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG

Lena Griem

Pfizerstraße 5-7, 70184 Stuttgart

Phone: +49 (0) 711/21 91-118

E-mail: l.griem@kosmos.de, website: www.kosmos.de

PressInformation

An introduction to the principles of the lotus effect and bionics

Create your own lotus pond as a base for fascinating experiments



Lotus-Flower

from 8 years

Format: 29 x 19,5 x 6,4 cm (LxBxH)

€/D 19,99

EAN 4002051637279

February 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

With this set, young nature explorers immerse themselves in the world of lotus plants, learn how to prepare and plant lotus seeds, and observe their impressive growth in the transparent basin.

Prepare the seed, let it swell in the water and after a short time a seedling sprouts in the self-designed basin. Once the leaves are fully developed, they give the possibility of fascinating experiments on the lotus effect, self-cleaning surfaces and surface tensions. The colorful instructions not only guide children step by step through the experiments, but they provide tips on growing and caring for the lotus plants, as well as exciting additional information on bionics in everyday life.

This cultivation set invites young explorers to discover the secrets of nature in a playful way and awakens their curiosity about their environment. The combination of science and creativity makes for an educational and entertaining experience that inspires children and deepens their understanding of the plant world.

Material: Basin, lotus seeds, sandpaper, sand, hose, syringe, pipette, measuring cup, sticker sheet

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG

Lena Griem

Pfizerstraße 5-7, 70184 Stuttgart

Phone: +49 (0) 711/21 91-118

E-mail: l.griem@kosmos.de, website: www.kosmos.de

PressInformation

Grow small plants in a test tube without using soil

Aqua-gel, used to research life in space, as an ideal material to explore alternative methods of plant growth



Fun Science Aqua-Gel-Plants

from 8 years

Format: 29 x 19,4 x 6,4 cm (LxBxH)

€/D 17,99

EAN 4002051658168

January 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

What challenges await plants in an environment without soil? The "Aqua Gel Plants" planting and experimentation kit provides insights into the growth behavior of plants under special conditions.

The set, consisting of green and red gel in test tubes, not only allows plants to grow, but also makes it possible to see how the roots extend to the edges of the containers. With the mung bean and cress seeds included, children can playfully explore the different growth behaviors. The aqua gel, which serves as a culture medium in the test tubes, creates a futuristic atmosphere and shows how plants adapt to unusual environments.

By sticking the tubes to the window, young naturalists can carry out their observations up close and at eye level. If the sunlight shines through the gel from outside, the roots can be seen perfectly and a fascinating effect is created.

Material: Aqua gel base, color capsules, nutrient sachets, cress seeds, mung bean seeds, 2 test tubes with lids, 2 test tube stands, 2 window clips, 2 adhesive pads, spatula, measuring cup, wooden stick, color illustrated instructions

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG
Lena Griem
Pfizerstraße 5-7, 70184 Stuttgart
Phone: +49 (0) 711/21 91-118
E-mail: l.griem@kosmos.de, website: www.kosmos.de

Robotics

PressInformation

Movement with the power of the sun

Explore solar energy by building a variety of solar-powered robots



Solar Bots

from 8 years

Format: 29,30 x 24,80 x 6,80 cm
(LxBxH)

€/D 24,99
EAN 4002051621247

May 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

Walk, drive or crawl like a beetle - the Solar Bot moves purely by the power of the sun, without any batteries or emissions. The comprehensive kit allows kids to switch seamlessly between the different models included. Once assembled, young engineers can experiment with light and shadow and learn about solar energy through play.

This versatile experiment kit enables the construction of five different robotic models with a solar cell. Using this solar cell, these bots harness energy from the sun to power up a gearbox to get moving. In addition to the original solar robot on one wheel, kids can construct the "Mecha", which moves on two legs; the "Trike speedster", a robot that drives fast with three wheels and steering; a six-footed running vehicle called the "Beetle bot"; and the "Orbit platform" for presentation and storage of the solar bot, with an impressive rotating energy ring.

The detailed illustrated instructions guide children step by step through the construction of the models and provide exciting background information on how solar energy works. This combines fun, fascinating technology and lessons in sustainable living.

Material: Components for assembling the models, solar cell, instruction

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG

Lena Griem

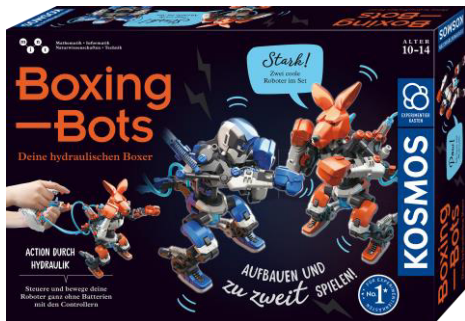
Pfizerstraße 5-7, 70184 Stuttgart

Phone: +49 (0) 711/21 91-118

E-mail: l.griem@kosmos.de, website: www.kosmos.de

Step into the boxing ring with hydraulic power!

Two battling bots bring the principle of hydraulics to life in a playful way



Bionic Boxing Bots

from 8 years

Format: 42,00 x 29,20 x 8,00 cm
(LxBxH)

€/D 44,99

EAN 4002051621162

February 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

For siblings, for duels between friends or to challenge a parent: Boxing Bots is a science kit that combines two complete robot kits in one set for epic boxing duels. As you control the robots using joysticks and the clever hydraulic system, you'll learn important physics and engineering concepts along the way.

The fascination of the Boxing Bots lies in the use of hydraulics to power the robots. This allows them to endure longer fights without having to rely on batteries. With intuitive joysticks that transmit commands to the robots via hydraulic hoses, various strategies and boxing techniques such as blocking, dodging or different punching techniques can be used. Before the fight begins, the robots have to be assembled and connected to the joystick with hoses. Because of the robots' wide range of motion and the option to play alone or in pairs with the two robots, "Boxing Bots" offers long-lasting fun.

This experiment kit does not only offer entertaining boxing duels, but also provides exciting background knowledge on the subject of hydraulics and the possible applications of this fascinating technology in our everyday lives.

Material: Kit for 2 robots, hydraulic system, color illustrated instructions

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG

Lena Griem

Pfizerstraße 5-7, 70184 Stuttgart

Phone: +49 (0) 711/21 91-118

E-mail: l.griem@kosmos.de, website: www.kosmos.de

PresseInformation

Robotic all-rounder with clever flip technology

The Flip Monster overcomes obstacles, climbs stairs and stands up on its own



Flip Monster

from 8 years

Format: 29 x 24,5 x 6,5 cm (LxBxH)

€/D 24,99

EAN 4002051621223

February 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

With the help of leverage, the Flip Monster swings over precipices or obstacles and can even climb stairs. The robot is easy to set up with the help of illustrated instructions and children from the age of 8 can send it through various courses and test its capabilities and limits.

The core of the "Flip Monster" is its fascinating flip-over drive, which not only ensures an impressive style of movement, but also makes it possible to overcome steps, gaps, small chasms and other obstacles. Children can design their own obstacle courses and test the robot's limits. Even if the robot falls down, its ability to pick itself up again in just a few seconds with the help of its drive is impressive.

The experiment kit encourages the curiosity and imagination of young explorers by inviting them to conduct their own experiments with leverage and center of gravity and to create adventures for the robot. This makes the Flip Monster the ideal companion for anyone who enjoys experimenting with technology.

Material: Components for assembling the robot, illustrated instructions

Your press contact for KOSMOS science kits:

Franckh-Kosmos Verlags-GmbH & Co. KG

Lena Griem

Pfizerstraße 5-7, 70184 Stuttgart

Phone: +49 (0) 711/21 91-118

E-mail: l.griem@kosmos.de, website: www.kosmos.de

Gecko Run

PresseInformation

Three new Gecko Run expansions coming this spring

Roll even smoother around corners with the Flex Corner



Gecko Run, Flex Corner

from 8 years

Format: 29,00 x 12,50 x 5,00 cm
(LxBxH)

€/D 1199
EAN 4002051621292

February 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

Extend the Gecko Run marble run system with 2 Flex Corners. Also included: 2 tracks, 4 adapters, 4 track bridges, 2 steel balls and 8 nano adhesive pads.

From now on, the marble will overcome every obstacle in its path: Need to slide around a cupboard? Outmaneuver a door handle or the gap between the fridge and a shelf? Simply install the Flex Corner and you can bridge any angle with ease.

Rotate and quickly change direction with the Wheels



Gecko Run, Wheels

from 8 years

Format: 29,00 x 12,50 x 5,00 cm
(LxBxH)

€/D 11,99
EAN 4002051621315

February 2024

Extend the Gecko Run marble run system with a large and a small wheel. Also included: 2 tracks, 2 circle adapters, 4 adapters, 1 track turn, 2 balls and 8 nano adhesive pads.

Right or left - only the speed of the ball decides which way the wheels turn! If you're clever, you can combine the two wheels of different sizes to create a kind of gear-box. Surprisingly great effects are pre-programmed!

PresseInformation

Give the marbles extra momentum with the Speed Kick



Gecko Run, Speed Kick

ab 8 Jahren

*Format: 29,00 x 12,50 x 5,00 cm
(LxBxH)*

*€/D 11,99
EAN 4002051621308*

February 2024

Pfizerstraße 5-7
D-70184 Stuttgart

TELEFON/PHONE
+49 (0)711 / 21 91 -118

E-MAIL
l.griem@kosmos.de

INTERNET
www.kosmos.de

KOSMOS

Extend the Gecko Run marble run system with the Speed Kick. Also included: 2 tracks, 4 adapters, 1 circle adapter, 2 balls and 8 nano adhesive pads.

Uphill, downhill - speed is the order of the day! The speed kick accelerates the balls in the track with a powerful blow - they now overcome inclines effortlessly. If the Speed Kick is not loaded, it serves as a track blockade to deflect the balls.

PressInformation

Previous released sets:

Spring 2023:

Gecko Run Starter Set
Trampoline expansion and Looping expansion



Autumn 2023:

Gecko Run Big Box
Snake expansion and Twister expansion



Your press contact for KOSMOS science kits:
Franckh-Kosmos Verlags-GmbH & Co. KG
Lena Griem
Pfizerstraße 5-7, 70184 Stuttgart
Phone: +49 (0) 711/21 91-118
E-mail: l.griem@kosmos.de, website: www.kosmos.de

Pfizerstraße 5-7
D-70184 Stuttgart
TELEFON/PHONE
+49 (0)711 / 21 91 -118
E-MAIL
l.griem@kosmos.de
INTERNET
www.kosmos.de

KOSMOS