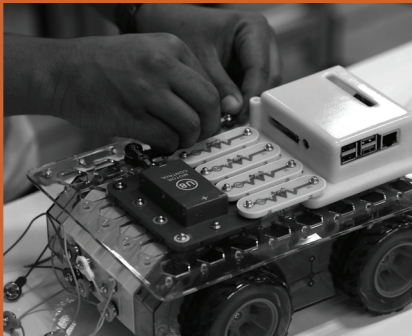


About the Smart Rover

To foster the next generation of believers, The Smart Factory @ Wichita has partnered with Elenco® Electronics to produce a new STEM education product: the Smart Rover. The Smart Rover kit includes Elenco® Electronics' award-winning Snap Circuits® products and adds a new component, the Smart Module. Assembled in a custom-designed housing produced and assembled live at The Smart Factory @ Wichita, the module holds a Raspberry Pi microcomputer and camera.

The projects within the Smart Rover kit begin with teaching the basics of computer programming on the Raspberry Pi and explore all the way up to enabling the rover to self-drive and "see" using the embedded camera. But innovation does not end with the last page of this booklet. The Smart Rover kit seeks to empower all students, across all ages, with the enduring skills needed to design, code, and build for the future.

About Elenco® Electronics



Family owned and operated since 1972, Elenco® is located in the Chicago suburb of Wheeling, Illinois. Elenco® Electronics' pride is the award-winning Snap Circuits® brand. For nearly 20 years, Snap Circuits® has been the go-to toy for teaching electronics, engineering and more. Snap Circuits® has been endorsed by K-12 educators globally and used in schools, libraries, museums, after-school and homeschool programs, STEM and Maker programs, and at home. Many of today's rising leaders in science and technology learned the basics of engineering by creating and inventing with Snap Circuits® as a child.

About The Smart Factory @ Wichita

The Smart Factory @ Wichita is a live factory and experiential learning center based in Wichita, Kansas, designed to help organizations envision—and continually reimagine—the future of manufacturing. Convened by Deloitte with an ecosystem of world-renowned collaborators and a shared goal, the center showcases how today's innovative tools and technologies can solve the operations challenges of tomorrow. The Smart Factory @ Wichita is a one-of-a-kind, immersive, and sustainable Industry 4.0 center that spurs invention and growth—and a belief that anything is possible.



CONFORMS TO ALL APPLICABLE U.S. GOVERNMENT REQUIREMENTS

WARNING: Always check your wiring before turning on a circuit. Never leave a circuit unattended while the batteries are installed. Never connect additional batteries or any other power sources to your circuits. Discard any cracked or broken parts.

ADULT SUPERVISION: Because children's abilities vary so much, even with age groups, adults should exercise discretion as to which experiments are suitable and safe (the instructions should enable supervising adults to establish the experiment's suitability for the child). Make sure your child reads and follows all of the relevant instructions and safety procedures and keeps them on hand for reference.

This product is intended for use by adults and children who have attained sufficient maturity to read and follow directions and warnings.

Never modify your parts, as doing so may disable important safety features in them and could put your child at risk of injury. The packaging has to be kept since it contains important information.

BATTERIES:

- Use only 1.5V AA type in the rover body.
- Insert batteries with correct polarity.
- Non-rechargeable batteries should not be recharged. Rechargeable batteries should only be charged under adult supervision and should not be recharged while in the product.
- Remove batteries when they are used up.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Do not mix old and new batteries.
- Do not connect batteries in parallel.
- Do not short circuit the battery terminals.
- Never throw batteries in a fire or attempt to open their outer casing.
- Batteries are harmful if swallowed, so keep away from small children.



WARNING: the Smart Rover should **ONLY** be powered using AA batteries. The Smart Module should **ONLY** be powered using the power cord provided. **Neither should ever be used with Snap Circuits® battery holders or other power sources!**



WARNING: SHOCK HAZARD

The Smart Module should **ONLY** be powered using the power cord provided.



WARNING: ELECTRIC TOY

The Smart Rover is rated for ages 10 and older, and is not recommended for children under 10 years of age.



Warning to Snap Circuits® Owners

Do not use parts from other Snap Circuits® sets with this kit. The Smart Rover uses higher voltage, which could damage those parts.