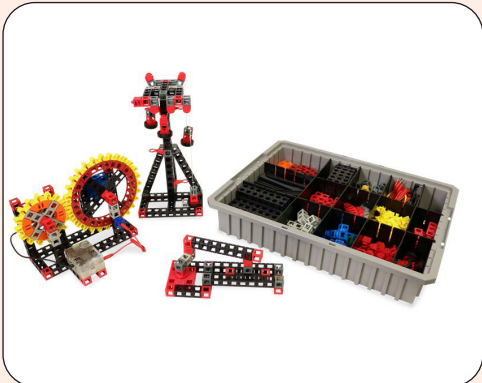


MIDDLE SCHOOL PRODUCT GUIDE

EDUCATIONAL ACTIVITIES

STEM Pathways, littleBits Steam + Class Pack, Makey Makey, Sphero BOLT Power Pack, and Snap Circuits Educational Series Training Program are included in every standard Ripken Foundation STEM Center Toolkit and can be customized for the needs of the individual program site.



STEM PATHWAYS (FROM KID SPARK EDUCATION)

Engineering and robotics materials for students.

Items each school receives:

- 6 STEM Pathways Labs
- Online Curriculum and Educator Resources
 - 120+ hours of curriculum
 - Kid Spark professional learning courses and program certifications

Storage:

Materials come organized in durable containers. Includes an inventory and organization guide to easily locate and manage materials in the lab.



LITTLEBITS STEAM+ CLASS PACK

The littleBits STEAM+ Class Pack is the ultimate STEAM learning toolkit, containing 240 Bits, 10 newly designed durable storage containers, printed teacher support materials and 40+ standards-aligned lessons to engage the entire class. Integrate programming with the FUSE app to level up and create digital circuits.

Items each school receives:

- 1 STEAM + Coding Class Pack
 - 10 STEAM + Coding storage containers
 - 5 LittleBits Expansion Packs



MAKEY MAKEY (FROM JOYLABZ)

Programmable computer chip that connects coding and practical applications.

Items each school receives:

- 1 STEM Class Pack (which includes 12 Makey Makey chips along with wires and clips)
 - Connecting wires
 - Graphite pencils optimized for use with Makey Makey
 - Basic instruction guides

Storage:

Comes in one storage case for all items.



SPHERO BOLT POWER PACK

The Sphero BOLT Power Pack lets you charge, store, and carry 15 Sphero BOLT robots. Built with an integrated cooling system, your robots can charge safely all from one place.

The Sphero BOLT Power Pack is the top of the line kit for educators using the Sphero Edu program in a classroom, robotics club, or in any maker environment you can dream up. Plus it's loaded with Turbo Covers, maze tape, and protractors, so the activities can get started anytime, anywhere.



SNAP CIRCUITS EDUCATIONAL SERIES TRAINING PROGRAM 750-R

(FROM ELENCO)

An in-depth exploration of the electronic components included with the SC-750 snap circuits Extreme along with the PC interfaced projects.

Items each school receives:

- A lightweight, durable case
- Problem solving quizzes
- Five project books
- One student guide
- One teacher guide

Storage:

Each kit comes in a storage case.

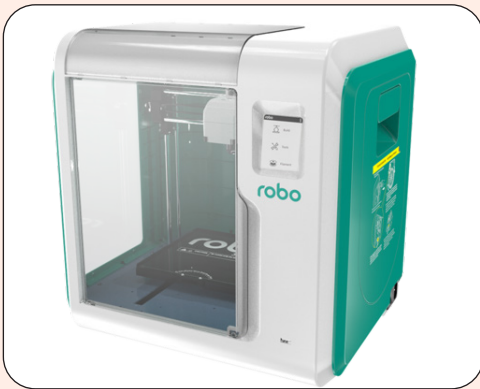
EQUIPMENT

The electronic equipment, furniture, and materials listed below are included in every standard Ripken Foundation STEM Center and can be customized for the needs of the individual program site.

3D PRINTER

Items each school receives:

- 1 Robo3D E3 Printer



WORKBENCH

Items each school receives:

- 1 Mobile Workbench – *Exact model will depend on availability.*



ADDITIONAL MATERIALS FOR EACH SCHOOL

These materials support the overall STEM program and are not tied directly to one kit.

- 4 Surge protectors
- Supply of AA Batteries

TABLES

Items each school receives:

- 7 Clover Tables (seats 4)



SEATING

Items each school receives:

- 28 Stackable Chairs (18" Height)

