

# Young Engineers

Mobile STEM Lab



**KIDSPARK**  
EDUCATION

**Brand** ..... Kid Spark Education  
**SKU** ..... 35059  
**Product Name** ..... Young Engineers Mobile STEM Lab  
**Number of Students** ..... 4

**Hours of Curriculum** ..... 60+  
**Curriculum** ..... Included  
**SRP** ..... \$499.99

## Young Engineers Mobile STEM Lab

The Young Engineers Mobile STEM Lab supports Kid Spark's Elementary School (3-5) and Middle School (6-8) programs by focusing on mechanical engineering, structural engineering, and remote robotics.

The Young Engineers Lab supports continued, deep exploration of engineering and robotics without requiring a computer or any programming. Lessons introduce students to the design and engineering cycle, the six simple machines, mechanisms, mechanical structural engineering, applied mathematics, CAD and 3D printing, and robotic movement. These lessons build students' confidence to practice engineering concepts while preparing them for future studies of programmable robotic systems.

Resources for this lab include access to the Kid Spark curriculum library, online teacher lessons plans, student curriculum packets and workbooks, instructional videos, teacher tutorials, and a digital 3D parts library.



- Over 433 reusable engineering building components
- One lab serves 4 students
- Multiple labs can be stacked on a single rolling base
- The Kid Spark curriculum follows the NGSS Three Dimensions of Science Learning: Crosscutting Concepts, Science and Engineering Practices, and Disciplinary Core Ideas.

### Curriculum Units Supported:

#### STEM Fundamentals (3rd-5th)

- Mechanisms & Movement
- Applied Mathematics

#### Applications in Design & Engineering (6th-8th)

- Kid Spark Basics
- Simple Machines
- Compound Machines

#### Systems of Technology (6th-8th)

- Rapid Prototyping & 3D Printing



**Young Engineers  
Mobile STEM Lab**

Dimensions: 19" x 17" x 13"  
Shipping Dimensions: 20" x 18" x 20"  
Shipping Weight: 24 lbs.  
Item# 35059 / \$499.99 (SRP)

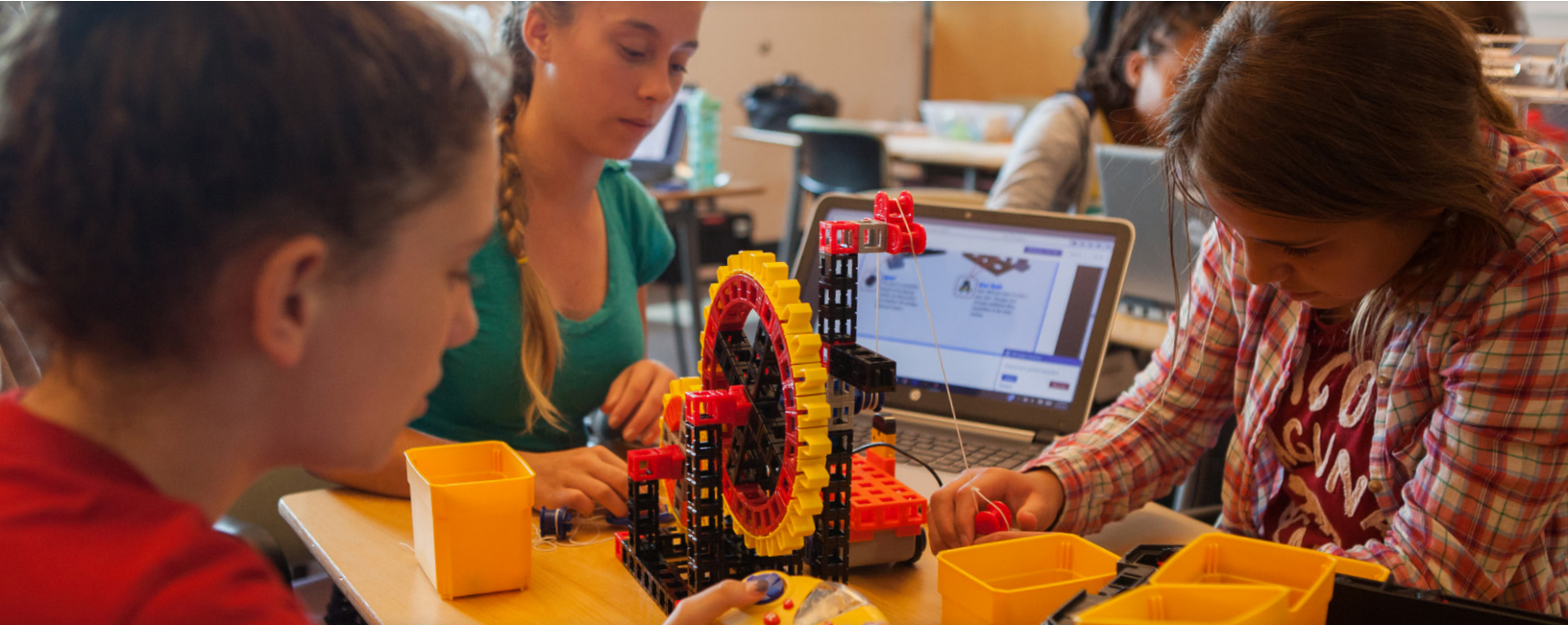


**Rolling Base**

Dimensions: 18" x 18" x 7"  
Shipping Dimensions: 19" x 18" x 8"  
Shipping Weight: 9 lbs.  
Item #35057 / \$59.99 (SRP)



**Stack and secure multiple labs to  
a rolling base for easy mobility.**



**Interested in teaching both  
the Elementary & Middle  
School Programs?**

It's easy! By pairing the ROK Blocks Mobile STEM Lab with the Engineering Pathways Mobile STEM Lab you can teach ALL the curriculum that Kid Spark Education offers.

***The Kid Spark curriculum moves progressively through four overarching learning phases and provides over 144 hours of curriculum.***

- Foundational Fluencies
- STEM Fundamentals
- Applications in Design & Engineering
- Systems of Technology

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