

# Product Comparison Guide

ROK Blocks STEM Lab & Foundational Fluencies STEM Lab



**KIDSPARK**  
EDUCATION



**ROK Blocks STEM Lab**



**Foundational Fluencies STEM Lab**

Pre-K - 5	<b>Grade levels served</b>	Pre-K - 1
Up to 4 students per lab	<b>Students per lab</b>	Up to 2 students per lab
<ul style="list-style-type: none"> <li>18 laminated mats</li> </ul>	<b>Included printed curriculum</b>	<ul style="list-style-type: none"> <li>Instructor's Guide - 79 pages</li> <li>Building Plans Booklet - 23 pages</li> </ul>
Yes. Available on KidSparkEducation.org	<b>Included digital curriculum</b>	Yes. Available on KidSparkEducation.org
<ul style="list-style-type: none"> <li>It's All About The Blocks - 4 lessons</li> <li>I Am An Engineer - 4 lessons</li> <li>Making Things Strong - 4 lessons</li> <li>Making Things Move - 4 lessons</li> <li>Engineering Basics - 4 lessons</li> </ul>	<b>Kid Spark Units of Instruction</b>	<ul style="list-style-type: none"> <li>It's All About The Blocks - 4 lessons</li> <li>I Am An Engineer - 4 lessons</li> <li>Making Things Strong - 4 lessons</li> <li>Making Things Move - 4 lessons</li> </ul> <p><b>Note:</b> Each unit also includes a unit assessment.</p>
20+ hours	<b>Hours of curriculum</b>	14+ hours
297	<b># of building components</b>	95
Yes. Separate, laminated sheet.	<b>Inventory &amp; Organization Guide</b>	Yes. Included on the top lid of the lab.
17.5 in. x 13.25 in. x 12 in. (L x D x H), ~16lbs	<b>Dimensions &amp; Weight</b>	17.25 in. x 11.25 in. x 6.25 in. (L x D x H), ~10lbs
\$319.99	<b>SRP</b>	\$159.99

# Product Comparison Guide

Engineering Pathways Mobile STEM Lab & STEM Pathways Lab



## Engineering Pathways STEM Lab

## STEM Pathways Lab

2 - 8	Grade levels served	2 - 8
Up to 4 students per lab	Students per lab	Up to 4 students per lab
<ul style="list-style-type: none"> <li>Kid Spark Basics - 6 lessons</li> <li>Mechanisms &amp; Movement - 5 lessons</li> <li>Applied Mathematics - 5 lessons</li> <li>Robotics &amp; Coding 101 - 5 lessons</li> <li>Exploring Sensors - 6 lessons</li> <li>Simple Machines - 6 lessons</li> <li>Compound Machines - 5 lessons</li> <li>Rapid Prototyping - 5 lessons</li> <li>Loops &amp; Variables - 5 lessons</li> <li>Integrated Engineering Challenges - 5 lessons</li> </ul> <p><b>Note:</b> All curriculum is available online at <a href="http://KidSparkEducation.org">KidSparkEducation.org</a>. Each unit also includes a unit assessment.</p>	Kid Spark Units of Instruction	<ul style="list-style-type: none"> <li>Kid Spark Basics - 6 lessons</li> <li>Mechanisms &amp; Movement - 5 lessons</li> <li>Applied Mathematics - 5 lessons</li> <li>Robotics &amp; Coding 101 - 5 lessons</li> <li>Exploring Sensors - 6 lessons</li> <li>Simple Machines - 6 lessons</li> <li>Compound Machines - 5 lessons</li> <li>Rapid Prototyping - 5 lessons</li> <li>Loops &amp; Variables - 5 lessons</li> <li>Integrated Engineering Challenges - 5 lessons</li> </ul> <p><b>Note:</b> All curriculum is available online at <a href="http://KidSparkEducation.org">KidSparkEducation.org</a>. Each unit also includes a unit assessment.</p>
105+ hours	Hours of curriculum	105+ hours
371	# of building components	392
<ul style="list-style-type: none"> <li>Maker ROK-Bot - Remote-controlled</li> <li>ROKduino - Programmable, Arduino-based</li> </ul> <p><b>Note:</b> The ROKduino is supported by an Arduino-based programming environment that requires macOS or Windows operating systems.</p>	Included robotics	<ul style="list-style-type: none"> <li>Spark:bit - Programmable, Micro:bit-based</li> </ul> <p><b>Note:</b> The Spark:bit is supported by a browser-based programming environment called Makecode that can be used with most computer operating systems including <b>macOS, Windows, and Chromebook</b>.</p>
17.5 in. x 13.25 in. x 19.25 in. (L x D x H), ~30lbs	Dimensions & Weight	23.25 in. x 18 in. x 4.5 in. (L x D x H), ~15lbs
\$739.99	SRP	\$649.99