

# Foundational Fluencies

STEM Lab



## Foundational Fluencies STEM Lab

The Foundational Fluencies STEM Lab and included curriculum are designed to help students in grades Pre-K - 1 develop important capacities that are prerequisite for a lifetime of STEM learning.

The carefully curated materials in the lab are child-friendly and unthreatening; the larger scale elements allow for collaborative learning. Even the most inexperienced students can quickly and easily build sophisticated prototypes and increase their confidence in STEM.

Early lessons focus on learning foundational STEM fluencies such as spatial reasoning, sequence and correspondence, symbolism, patterns, and symmetry. Students then transition into more challenging concepts such as how to make things strong, how to make things move, and other key concepts that are crucial to building their STEM identity. This identity—seeing one’s self as capable of learning and understanding science, technology, engineering, and math—is the cornerstone to instilling a love of science and technology in your students.

All supporting curriculum for Kid Spark’s Pre-K - 1st grade program is included in the lab. This includes two (2) printed booklets: an Instructors Guide and a Building Plans Booklet. Additional professional learning resources are available online at [KidSparkEducation.org/Professional-Learning](http://KidSparkEducation.org/Professional-Learning).



<b>Brand</b>	Kid Spark Education
<b>SKU</b>	35060
<b>Product Name</b>	Foundational Fluencies STEM Lab
<b>Students per Lab</b>	2
<b>Hours of Curriculum</b>	14+
<b>Curriculum</b>	Included
<b>SRP</b>	\$159.99
<b>Lab Dimensions</b>	17.25" x 11.25" x 6.25"
<b>Shipping Dimensions</b>	17.5" x 11.5" x 6.5"
<b>Shipping Weight</b>	10 lbs.



## Curriculum Units Supported:

GRADES PRE-K - 1

-  It's All About the Blocks
-  I Am an Engineer

-  Making Things Strong
-  Making Things Move

## Foundational Fluencies STEM Lab Includes:

### ENGINEERING MATERIALS

45 large-scale building components, 50 small-scale building components

### INSTRUCTOR'S GUIDE BOOKLET

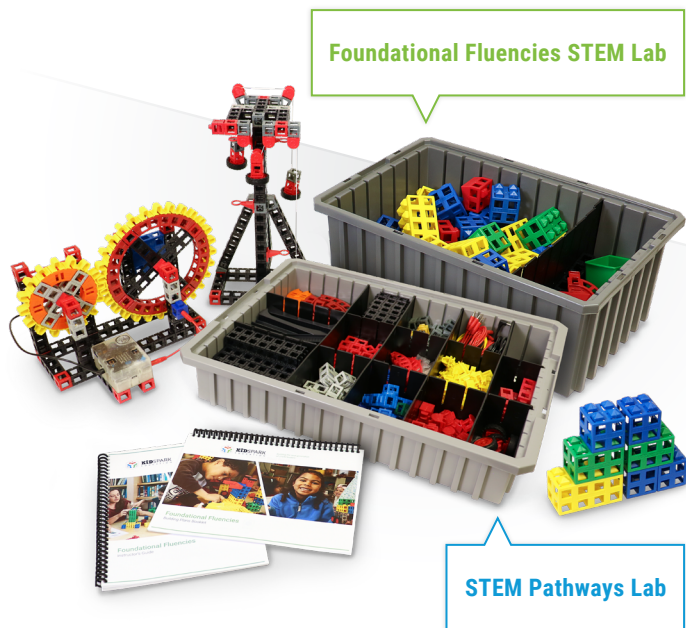
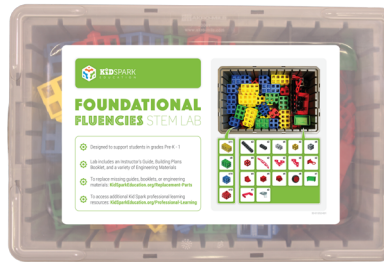
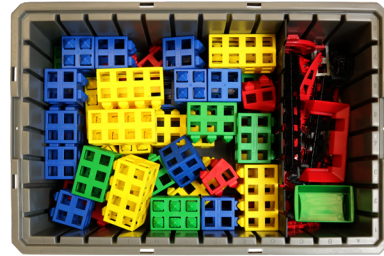
Teacher preparation materials, unit overviews, lesson plans, and unit assessments

### BUILDING PLANS BOOKLET

Step-by-Step building plans that coordinate with lesson plans

### TRANSPARENT LID

Includes inventory & organization guide to easily locate and manage materials in the lab



## Teach Kid Spark's Elementary & Middle School Programs with just two labs.

The **Foundational Fluencies STEM Lab** (grades Pre-K - 1) and the **STEM Pathways Lab** (grades 2 - 8) can be used to teach all of Kid Spark's Elementary & Middle School Programs.

***Kid Spark programs are designed to help students learn foundational STEM fluencies the moment they enter school, and then build on their learning each and every year.***

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