

## Build Confidence with LEGO® Education SPIKE™ Prime



Confidence in older students boosts their ability to observe, evaluate and design investigations to solve novel challenges.

Introduce SPIKE™ Prime to your middle school students to see how their confidence can power learning and love for learning.

### Let's get started with a quick lesson!

Choose the [Hopper](#) lesson to explore the process of creating prototypes to solve a problem with your students and with SPIKE Prime. This lesson will allow pairs of students to design multiple prototypes to find the most effective way to move a robot without using wheels.

This lesson takes approximately 45 minutes.

#### Using SPIKE Prime, are your students:

- Defining a problem with constraints and criteria?
- Optimizing their solution through systematic testing?
- Using and seeking failure as a tool to improve their solution?
- Posing meaningful and answerable scientific questions?
- Using data and evidence to support their conclusions?

Build a dynamic classroom environment to engage 21<sup>st</sup>-century learners in challenging competitions and other authentic, hands-on STEAM experiences. Motivate and support your students to learn through play, think critically and collaborate creatively with others.

Find more lesson plans for LEGO® Education products at [legoeducation.com/lessons](https://legoeducation.com/lessons)

