



# LEGO® Education SPIKE™ Prime



"Hands-on learning has benefited many young minds. As we continue to grow in this area, **emphasis on creative and meaningful hands-on experiences** should be used to reach a greater, and more diverse population of students."

*Lynne Boucher*  
STEAM Director & Educator

## Growing critical thinking skills through complex, engaging and personally relevant STEAM challenges

LEGO® Education SPIKE™ Prime is a STEAM learning tool for grades 5-8 students. Combining colorful LEGO building elements, easy-to-use hardware and intuitive drag-and-drop coding language based on Scratch, SPIKE Prime engages students through playful learning to think critically and solve complex problems, regardless of their learning level. From easy-entry projects to limitless creative design possibilities, SPIKE Prime helps students learn the essential STEAM and 21<sup>st</sup> century skills needed to become the innovative minds of tomorrow - while having fun.

## Curriculum Unit Plans

In addition to the Getting Started material, the LEGO® Education SPIKE™ App comes with 4 unit plans of curriculum-aligned STEAM content focusing on Engineering and Computer Science. Designed for students in grades 5-8 and optimized for 45-minute lessons, these units accelerate STEAM learning by consistently engaging students to think critically and solve complex problems, regardless of their learning level. Comprehensive on line lesson plans gives teachers everything they need to deliver lessons with confidence, whatever their experience.

### SPIKE Prime offers lessons for:

- Engineering
- Computer Science
- Science
- Competitions
- Technology



### SOLUTION INCLUDES:

#### SETS & APP

- 45678 SPIKE Prime Set
- 45680 SPIKE Prime Expansion Set
- LEGO® Education SPIKE™ App

#### UNIT PLANS

- Invention Squad
- Kickstart a Business
- Life Hacks
- Competition Ready

#### SUPPORT

- Getting Started Material
- Lesson Plans
- Assessment Tools
- Technical Support

#### ADDITIONS

- Accessories & Replacement Pack
- Training & Professional Development

## Based on the Scratch Coding Platform with your Choice of Operating System

**Supported Operating Systems:**  
iOS, Chrome, Windows 10, Mac and Android



www.mooreed.com.au  
Ph: 1800 684 068  
sales@mooreed.com.au