LEGO® Education SPIKE™ Prime

For Middle School students aged 10+

Kit Contents:

- LEGO® Education SPIKE™ Prime Set
  - 29 lessons
  - 528 bricks
- LEGO® Education SPIKE™ Prime Expansion Set
  - 600 LEGO elements
  - Maker Plate
  - 2 large wheels
  - Gear Racks
  - Large Motor
  - Color Sensor
- LEGO® Education SPIKE™ Prime Expansion Set
  - 600 additional LEGO elements, including
    - Large wheels
    - Gear racks
    - Color Sensor
    - Large Motor
    - Maker Plate

You will need to install the free SPIKE App (compatible with Windows 10, ChromeOS, MacOS, iOS, and Android) on the device you will be using with the kit.
https://spikelegacy.legoeducation.com/

Instructor tutorial – Getting started with LEGO Education SPIKE Prime
https://education.lego.com/en-us/start/spike-prime#Introduction

Downloads and getting started https://education.lego.com/en-us/downloads choose LEGO Education SPIKE Prime

Using an intuitive drag-and-drop coding language based on Scratch, SPIKE Prime engages students through playful learning activities to think critically and solve complex problems, regardless of their learning level. SPIKE Prime includes the option to explore text-based coding with Python. From LEGO Education

Find Unit Plans and Building Instructions at https://spike.legoeducation.com/

LEGO Education SPIKE Prime is currently used in FIRST Robotics.

Kit Cleaning Basics

- Elements can be wiped with a semi-dry disinfecting wipe if needed.

This project was supported in part by the Institute of Museum and Library Services, under the provision of the Library Services and Technology Act, as administered by the Missouri State Library, a division of the Office of the Secretary of State.