

LEGO Education SPIKE Prime

Junior Robotics Foundations

Beginner Level

Ages 6+

SPIKE Prime Robotics

Explore the LEGO Education SPIKE Prime Programme and discover robotics, engineering and coding through hands-on building.



6+

AGE GROUP

24

SESSIONS

60 min

PER SESSION

3

MONTHS

3

PATHWAYS

**SPIKE Prime
Kit**
EQUIPMENT

Capstone
ASSESSMENT

Programme Overview

Discover the exciting world of robotics and engineering through hands-on building with LEGO SPIKE Prime.

Skills Students Gain

Robotics Building

Block-Based Coding

Sensors & Automation

Engineering Design

Problem Solving

Collaboration

3-Month Learning Pathway

Students build, program and control their own SPIKE Prime robot while learning block-based coding, sensors, automation and Smart Robot challenges.

- 1 Building & Coding Foundations**
Exploring the SPIKE Prime Hub, building core mechanisms, and learning drag-and-drop coding.
- 2 Sensors, Data & Automation**
Colour, distance and force sensors, automated reactions, and real-world data science.
- 3 Advanced Robotics & Showcase**
Multi-function robots, autonomous missions and a final SPIKE Prime showcase.

Programme Details

Level
Beginner

Duration
3 Months

Schedule
24 sessions · 60 min each

Location
Sport Society, Mirdif

Kit
SPIKE Prime robot kit + components

Includes
Capstone project

Build Real Projects · Learn by Doing · Think Like an Engineer

Build. Code. Create. Succeed.

Enroll Now

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