



SPIKE PRIME IN THE

ROBO

VERSE

LESSON ONE

- Introduction to robotics
- Types of robots
- Introduction to Spike
- Spike Prime main parts
- Building Exercise 1
- Algorithms & programming
- Discovery Programming Exercise

LESSON TWO

- Spike App User Interface
- Spike Prime building parts
- Blocks Types
- Spike Blocks programming
- Blocks Categories summary
- Movement Blocks
- Programming Exercises 2,3,4

LESSON THREE

- Blocks Categories
- Programming Exercises 5,6
- Agricultural Robots
- Building Exercise 2
- Motor Blocks summary

LESSON FOUR

- Motor Blocks
- Programming Exercise 7
- Building Exercise 2.1
- Programming Exercises 8,9,10
- Sound Blocks summary

LESSON FIVE

- Household robots
- Event blocks
- Building Exercise 3
- Programming Exercise 10.1-15

LESSON SIX

- Industrial robots
- Building Exercise 4
- Mechanisms & Gears
- Sensor blocks summary
- Programming Exercises 16-22

LESSON SEVEN:

- Operators Blocks summary
- Variable blocks
- Aerospace robots
- Programming exercises 23-26
- Building exercise 5