

JR.ROBOTICS

CLASSROOM COURSES

LESSON ONE

- Robotics Introduction
- MINDSTORMS robotics
- MINDSTORMS EV3 main pieces
- Building Exercise 1-Explore the set

LESSON TWO

- Types of robots
- EV3 building pieces
- Algorithms & Programming
- Basics of the EV3 Classroom

LESSON THREE

- Uses of robots
- Building Exercises 2
- Movement Blocks
- Programming Exercises 1-3

LESSON FOUR

- Display & Sound blocks
- Control Blocks Pt.1
- Sensor Blocks Pt.1
- Programming Exercises 4-7

LESSON FIVE

- Building Exercise 3
- Motor Blocks Summary
- Control Blocks Pt.2
- Sensor Blocks Pt.2
- Programming exercise 8-10

LESSON SIX

- Sensor Blocks Pt.3
- Event Blocks summary
- Programming exercises 11 -14
- EV3 Classroom Blocks summary

ADDITIONAL TOPICS:

- Operators blocks
- EV3 Classroom blocks vs EV3-G blocks

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