



# ROBO-ARCADE

WEDO 2.0 & SCRATCH EDITION



## LESSON ONE

- Robotics Introduction
- Robots characteristics
- WeDo 2.0 Introduction
- WeDo 2.0 Main Parts
- Building Exercise 1
- Algorithms

## LESSON TWO

- WeDo 2.0 Building Pieces
- Basics of Programming
- WeDo 2.0 Programming
- SCRATCH Studio UI
- Programming Blocks
- Programming Exercise 1

## LESSON THREE

- Programming Exercise 2
- Useful Blocks P1 & P2
- WeDo 2.0 Extension
- Motor Blocks
- Programming Exercise 3

## LESSON FOUR

- Input/Output Blocks
- Building Exercise 2
- Useful Blocks P3
- Project 1 (Boxing Game)

## LESSON FIVE

- Pseudocode
- Useful Blocks P4
- Project 2 (Space Mission)
- Project 3 (Snow Race)

## LESSON SIX

- Flowchart
- Project 4 (Alien Hunter)
- Project 5 (Cars Game)