

VEX LESSON PLAN

Day 1: Follow the order of the numbers in the folder. We will present to the kids as they finish different parts of the programming practice.

Day 2-3: Continue programming practice

Day 4-6: Build machine control projects

Day 7-10: Design Project

Day 1

- Intro to VEX and RobotC
- Build testbed
- Flowcharting
- Programming Design

Day 2

- Program Part 1
- While Loops
- Program Part 2
- If Else Statements
- Program Part 3

Day 3

- Variables and Functions
- Program Part 4
- Program Part 5
- Program Part 6

Day 4-6

Machine Control Design “Solar Tracker, Searchlight, Theme Park Ride”

Day 7-10

- Design Problem