



Robotics Level 1 Syllabus

Session	Topic	Programs/Activities
Session 1	Getting started with Robotics / VexVR	Rules for the Class Ice Breaker TA Introductions Distance Drive Challenge Standard Drive Base
Session 2	VexVR: Loops, Looks, Drivetrain	Ice Breaker Find Your Age Standard Drive Base Driver Precision
Session 3	VexVR: Using sensors and learning to use the Clawbot arm	Icebreakers Castle Crashers Clawbot Clawbot Precision
Session 4	VexVR: Creating algorithms and loops	Icebreakers Dynamic Wall Maze Clawbot "Steal the Items"
Session 5	Color Sensors and Disassembling	Ice Breakers Color Counting Algorithms Sumo Bots Disassembling