










LEGO® MINDSTORMS® Education EV3 Classroom Alternative Robot Lessons

CHALLENGE

Select the EV3 Classroom app and the Robot Trainer Unit Plan. The team will complete the lessons within the unit.

	LEGO MINDSTORMS Education EV3 Classroom App 	Unit Plan Name 
Session 1	 Moves and Turns Making Controlled Movements	Session 4  Colors and Lines Using the Color Sensor
Session 2	 Objects and Obstacles Using the Ultrasonic Sensor	Session 5 The Guided Mission Use the robot skills you have learned to solve this mission! Complete the Pseudocode page for this mission. Apply your line-following skills to reach the model. Can you use the color sensor to follow the lines on the mat? What attachment could you build for your robot to complete this mission?
Session 3	 Grab and Release Using a Motorized Tool	Session 6  Angles and Patterns Using the Gyro Sensor and My Blocks