

KEEP YOUR ROBOT ON THE ROAD!

CHECKPOINT 1: INTRO TO BUILDING AND PROGRAMMING THE EV3 ROBOT

THE PURPOSE OF THIS CHECKPOINT IS TO LEARN HOW TO BUILD THE EV3 DRIVING BASE AND THE EV3 PROGRAMMING ENVIRONMENT.

STEP 1: BUILD THE EV3 DRIVING BASE

1. BUILD INSTRUCTIONS FOUND IN **EV3 SOFTWARE** (BUILDING INSTRUCTIONS/BUILDING IDEAS/DRIVER BASE)

STEP 2: ADD THE COLOR SENSOR

1. BUILD INSTRUCTIONS FOUND IN **EV3 SOFTWARE** (BUILDING INSTRUCTIONS/BUILDING IDEAS/COLOR SENSOR DOWN-DRIVER BASE)

STEP 3: RUN THE FOLLOWING TUTORIAL

1. TUTORIAL FOUND IN **EV3 SOFTWARE** (TUTORIALS/BASICS (DRIVING BASE)/STOP AT LINE)

STEP 4: SAVE THE PROGRAM FROM THE STOP AT LINE TUTORIAL INTO GOOGLE DRIVE

1. HERE ARE THE STEP BY STEP INSTRUCTIONS IF YOU NEED THEM.

A. [HTTPS://TINYURL.COM/BACKUP-CODE-DRIVE](https://tinyurl.com/backup-code-drive)

STEP 5: EXIT TICKET

1. SUBMIT CHECKPOINT 1
2. TEACHER CHECKING COMPLETION OF ROBOT

TEACHER LOOK FOR PROGRAM UPLOADED CORRECTLY