

# 19 Twice Around the Loop

## Mission:

The robot will use a light sensor facing down to follow the dark line on the practice pad for two times around the loop.

## Equipment:

White table top or playing field.

Practice pad oval that came with the kit or blue or green painter's tape to make an oval.

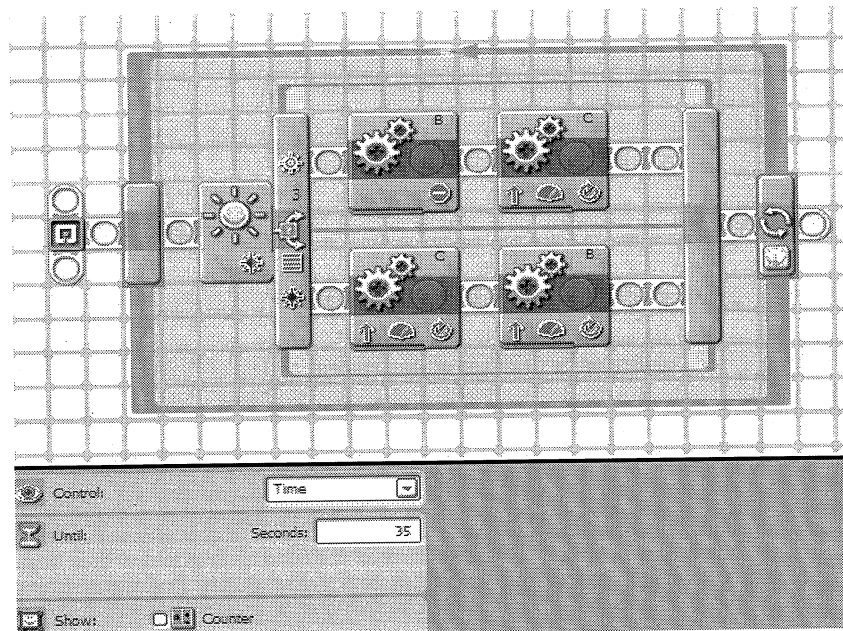
## Sensors:

Light

## Directions:

Attach the light sensor so it is at least two pennies above the surface.

Use the program from Follow the Line and click on the loop. On the lower left, you see Control. Click on the drop down menu and change it to Time. Set it for about 35 seconds.



*You will need to adjust the amount of seconds the loop is given so the robot will go around exactly two times. Seconds are not always the best way to time things since well-charged batteries will make the robot move faster than nearly dead ones, but Time works the best in this situation.*

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