



# Trick or Treat with Edison! Day 1

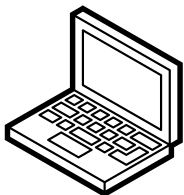


## STEM

(40 min)

### Materials:

- Robots
- Chromebooks
- Butcher paper
- Markers, crayons or colored pencils
- Legos
- Candy (optional, but highly recommended)



## LET'S TRICK OR TREAT WITH EDISON!

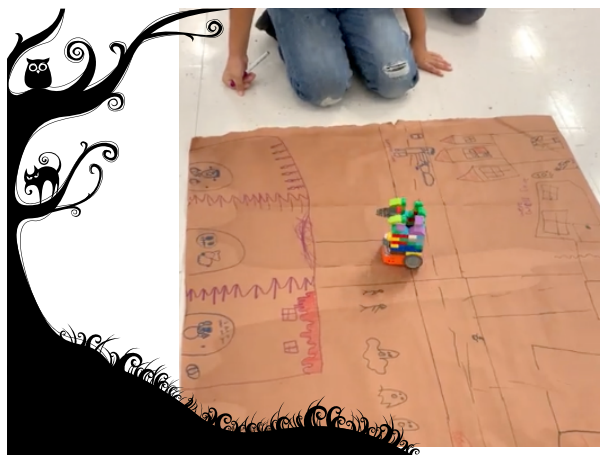
### Set up:

1. Lay out a few pieces of blank butcher paper (any color about 4'x2') on the ground. 1 sheet can work for 4-5 students.
2. Set out markers, crayons and/ or colored pencils next to the butcher paper for students to draw the neighborhood for their robots to trick or treat at.

## 3RD - 6TH GRADE

### Instructions:

1. First, get the students excited for today's challenge! You could say, "Who's ready to create their very own haunted house for Edison to go trick or treating? I can't wait to see all the spooky houses!"
2. Instruct the students to spread out around the butcher paper. Here they each will create their own neighborhood. Each neighborhood will need a road and driveways wide enough for their robots. Each student can decorate their own haunted house and it's yard. If they want they can add trees, mailboxes, animals ect. to the neighborhood.
3. The next thing they will do is on the next page for Day 2 but it can be done in the same day if you have time. Students will program their robots to drive down the road and turn into the different houses to collect candy.



# Trick or Treat with Edison! Day 2!

## STEM

(40 min)

### Materials:

- Robots
- Chromebooks
- Butcher paper
- Legos
- Candy (optional, but highly recommended)



## LET'S HAVE A SPOOKTACULAR TIME TRICK OR TREATING WITH EDISON!

### Set up:

1. Lay out the butcher paper of the neighborhood that the students created on the ground.
2. Set some Legos out in a bamboo tray for each student to create a Halloween costume for their robot.
3. Hand a robot and a chromebook to each student.



### 3RD - 6TH GRADE

#### Instructions:

1. First, get the students excited for today's challenge! You could say, "Who's ready to create their very own Halloween costume for your Edison and go trick or treating? I can't wait to see all the spooky costumes!"
2. Instruct the students to spread out their neighborhoods and get their robots and chromebooks.
3. Each student will now create a Halloween costume made out of Legos for their robot. I would give them about 5-10 minutes for this. Remind them not to cover up the buttons on top of their robot.
4. Now they will code their robot on their chromebook using EdBlocks or EdScratch to navigate their way around the neighborhood going from house to house trick or treating. Each house they get to they can collect a piece of candy, prize money or other prize from the STEM coach!

#### Challenge:

- Have the students code their robot to go trick or treating around another neighborhood using EdBlocks <https://www.edblocksapp.com/v3/> or <https://www.edscratchapp.com/v3/>

