

October

Trick-or-Treating

STEMTaught®



BIG QUESTION

Is a pumpkin a fruit or vegetable?

A pumpkin is a fruit because it has seeds and grows from a flower. But we often use it like a vegetable in cooking!

STORY TIME (5 min)

Read Shamaa Shines to the students.



STEM TIME (60-120 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 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.

STEM TIME

(30-60 min)

Materials:

- Mini chocolate donuts
- Pretzels
- Candy Eyes
- Icing (or melted chocolate)

SPIDER DONUTS

1. Break mini pretzel twists into curved "spider legs" using your hands (you'll get 2 curved pieces from each pretzel).
2. Insert 3 pretzel legs into each side of the mini chocolate-covered donuts.
3. Squeeze two small dots of icing on the front of each donut to serve as glue for the candy eyes.
4. Press one candy eye into each icing dot.
5. Allow the icing to dry.
6. Help clean up!

