

Stay In Your "CANDY CANE" Lane

STEM TIME

(40 min)

Materials:

- Robots
- Laptops
- Candy canes



CREATE A CANDY CANE MAZE FOR YOUR ROBOT!

Set up:

1. Hand out a robot and laptop to each student.
2. Lay out 4-6 trays or plates around the room, and fill them with candy canes.

KINDER-2ND GRADE

Instructions:

1. First, get the students excited for today's challenge! Say, **"Who's ready to create your very own maze with candy canes? I can't wait to see how you can navigate your robot through your candy cane maze!"**
2. Teachers or students will form teams of 4-6.
3. Each group will go down to the floor near a tray of candy canes with their robots.
4. Each group of students will work together to form a candy cane maze.
5. Next, the students will barcode scan the clap command, and they will clap their way through the maze. Remember, one clap turns the robot, and two claps moves the robot forward. You can offer a candy cane when they get to the end of the maze!

3RD-8TH GRADE

Instructions:

1. First, get the students excited for today's challenge! You could say, **"Who's ready to create your very own maze with candy canes? I can't wait to see how you can navigate your robot through your candy cane maze!"**
2. Teachers or students will form teams of 4-6.
3. Each group will go down to the floor near a tray of candy canes with their robots and laptops.
4. Each group of students will work together to form a candy cane maze.
5. Next, the students will use either EdBlocks or EdScratch on their laptops to create a program to navigate their way through the candy cane lane.
6. If the students crash into the candy canes they'll need to fix the road and start over.
7. Allow the students to take a candy cane when they've reached the end of the maze.