



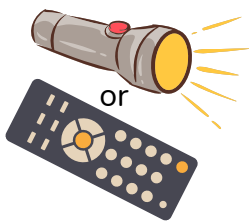
# EDISON'S CHRISTMAS TOWN

## STEM

(60 min)

### Materials:

- Edison robots
- Flashlight or remote
- Barcodes or mats
- Wooden blocks
- Building bricks



## LET'S BUILD A MAGICAL CHRISTMAS TOWN!

### Set up:

1. Lay out on trays, Lego's, Why Bricks and lots of wooden blocks.
2. Students will need their robots, tv remote controls or flashlights.
3. Christmas music to play in the background

### KINDER - 2ND

#### Instructions:

1. First, get the students excited for today's challenge! You could say, **Who's ready to build our very own Christmas town?**
2. Each student will build a home/building or object that will contribute to the town made from either Legos, Why Bricks or blocks.
3. Then they will place their creations within a designated area in the room to make it resemble a small town. Remind the students that they might need trees, mailboxes or cars ect.
4. Each student will code their robots to the clap bar code command, then they will navigate their way through the town.
5. you could have goodies at each house that they can pick up and enjoy or take home with them later.

### 3RD GRADE - 8TH GRADE

#### Instructions:

1. First, get the students excited for today's challenge! You could say, **Who's ready to build our very own Christmas town?**
2. Each student will build a home/building or object that will contribute to the town made ideally from blocks so that the robots can drive through the houses or bridges that the students make. They will get very creative if they have a lot of supplies so give them legos as well.
3. Clear a large area in the room to build the town. Remind the students that they might need trees, mailboxes, bridges. They could even make Santa's workshop in the town that the robots can help deliver gifts in.
4. Each student will code their robots to the remotes or lights so that they can drive around and interact with the wooden town.
5. Encourage them to get creative and have fun! Compliment their creations!