## STEM@HOME

## Let's Build a Balloon Baja!

## **Materials Required:**

- Toilet Paper Roll
- Two straws
- A skewer
- An Elastic Band
- Tape or Glue
- A Balloon
- Cardboard

## Instructions:



- 1. Start by cutting out four equally sized wheels from the cardboard.
- 2. Cut one of the straws in half. Tape or glue will be needed to attach the straws to the upper and lower end of one size of the toilet paper roll.
- 3. Cut the skewer in half. Half will go through the first straw half while the second will go through the second straw half.
- 4. Attach the centres of each of the cardboard wheels to one of the skewer ends. Glue or tape will be needed to hold the wheels in place.
- 5. Attach balloon to one of the straws using the elastic band.
- 6. Attach the straw with the balloon to the top of the toilet paper roll using either glue or tape.
- 7. Now it's time to use your baja! Blow into the balloon straw to inflate the balloon before placing the baja on the ground and letting it drive.