START YOUR ENGINES

MATERIALS

You can use any materials you find in your Maker Space.

REQURIED MATERIALS

- Measuring tape
- Clipboard
- Paper
- Pencil

PANTRY MATERIALS

- Legos
- Popsicle Sticks
- Lincoln Logs (or similar)
- Cardboard Tubes
- Tops from medicine bottles
- and/or gallon milk containers
- Thumbtacks
- Gears
- Straws
- Balloons
- Tape
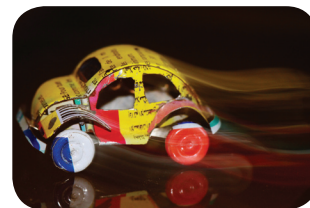
IMAGINE
Creating a car that is propelled by a balloon.

CREATE
A prototype of a car that moves based on force from air leaving a balloon.

PLAY
Test your car. Does it move? Test it three times and record how far it went each time? What is the average distance that it went?

SHARE
Share your prototype with your teacher and classmates.

REFLECT
Think about your prototype. Did it do what you hoped it would? What did you like about it? What could you change to improve it?

IMAGINE
Now that you have reflected on your first prototype imagine what you might change to improve your prototype. Or a new design. Or imagine something else…