

**MATERIALS**

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

**REQUIRED MATERIALS**

- Required Materials
- clip board
- Pencil
- Measuring tape
- ruler, so a string to measure distance.
- Paper to record how far marshmallow went
- Marshmallow(s)

**IDEAS FOR BUILDING**

- Legos
- Gears
- Rubberbands
- Duck Tape
- Tongue Depressors
- Paper Clips



**MARSHMALLOW CATAPULT**

**IMAGINE**

A catapult that can launch marshmallows.

**CREATE**

A prototype of a catapult that will launch a marshmallow at least two feet.

**PLAY**

Try out your marshmallow prototype in an area designated by your teacher. Take a measuring tape or ruler with you. Don't forget the Marshmallows! Launch your marshmallow three times and record how far each one 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 a new marshmallow launcher that could go further! Follow the same steps for your newly imagined prototype.

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