



October STEM Challenge

Candy Catapult

Challenge: To successfully create a catapult that can send a piece of candy through the air. Measure the distance your candy soared. Make improvements to your catapult, so that you can increase the distance the candy will travel.

Materials:

- Small Piece of candy (mini pumpkin or candy corn size)
- Pencils
- Tongue depressors
- Craft sticks
- Tape/Scissors
- String
- Spoons
- Rubber bands
- Small cup/bottle cap
- Other supplies of choice



Reflection:

- ✓ Draw or take a picture of your candy catapult.
- ✓ Explain why you created your catapult the way you did.
- ✓ Tell what changes you made to your design and how it affected the distance your candy traveled.
- ✓ Teachers please submit a list of students who participated by email to the **STEM Resource Center** stem@gstboces.org.
- ✓ **Teachers, please make sure that your list has your name, school district, grade level and return address included.**
- ✓ **This challenge is Due: 11/2/2018**