



STEM CHALLENGE

Pumpkin Elevator

Due Date: 11/3/2017

Challenge: Using the materials provided, create a base for a pumpkin to sit upon, and a system to lift the pumpkin one meter.

Materials:

- mini pumpkin (or other round item)
- cardboard
- craft sticks
- tape
- string or yarn
- rubberbands
- scissors
- (other creative materials?)
- Meter stick



Submission:

- Draw or take a picture of your pumpkin elevator.
- Explain your design and approach to the problem.
- What changes would you make to your design? Why?
- Please submit your drawing/pictures and answers to the challenge questions to us by mail, GST Pony, or email to **STEM Resource Center, 3153 Lake Road Horseheads, NY 14845** stem@gstboces.org
- Please make sure that your submission has your name, school district, grade level and return address included.