



# May STEM Challenge Rocket Launch!

**Challenge:** Using the materials provided design a rocket that will launch the greatest distance.

## Materials:

- Rocket Template of your choice
- Straw
- Plastic pipettes
- Rubber bands
- Crayons or colored pencils
- Tape
- Scissors
- Other materials (such as pipe cleaners, paper clips, tooth pick)
- Meter stick (for measurement, not building)



## Procedure:

- Using provided materials, create a rocket that will “launch” the farthest from a stationary location.
- Consider propulsion in the design. Students may blow through the straw, pull back a rubberband, or another creative idea!
- If time allows, after testing, modify the design and try again!

## Submission:

- ✓ Draw or take a picture of your rocket.
- ✓ Record the distance your rocket traveled.
- ✓ Explain the design of your rocket, and what changes were needed.
- ✓ Please submit your responses to us by mail, GST Pony, or email to **STEM Resource Center, 3153 Lake Road, Horseheads, NY 14845** or [stem@gstboces.org](mailto:stem@gstboces.org)
- ✓ Please make sure that your submission has your **name (written LEGIBLY), teacher name, school district, and grade level.**
- ✓ **Due Date: 06/01/2018**



