

# A STEM in the Park Take Home Activity

## STEM in the PARK

Science, Technology, Engineering, and Mathematics

### 3-2-1 POP!

#### What You Need

- Paper, regular 8-1/2X11" paper
- Plastic 35-mm film canister
- Tape
- Scissors
- Effervescent antacid tablet (aka Alka-Seltzer)
- Paper towels
- Water

**Hints: Film canister MUST be one with a cap that fits INSIDE the rim instead of over the outside of the rim.**

*Note: The less your rocket weighs, the higher it will go.*

#### What To Do

1. Cut out all the pieces.
2. Wrap & tape a tube of paper around the film canister.  
**Hint: Tape the canister to the end of the paper before you start wrapping.**  
*Note: Place the lid end of the canister down.*
3. Tape fins to rocket body.
4. Roll the circle into a cone & tape it to the rocket's top.



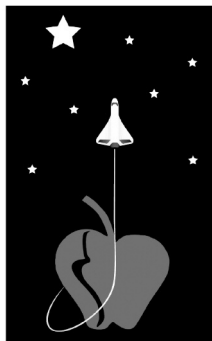
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## ***Blast Off***

1. Turn the rocket upside down and remove the canister's lid.
2. Fill the canister 1/3 full of water.

## ***Work quickly on the next steps!***

1. Drop 1/2 of an antacid tablet into the canister.
2. Snap the lid on tight.
3. Stand your rocket on a sidewalk or driveway.
4. Stand back & wait. **3-2-1 Blast off!**

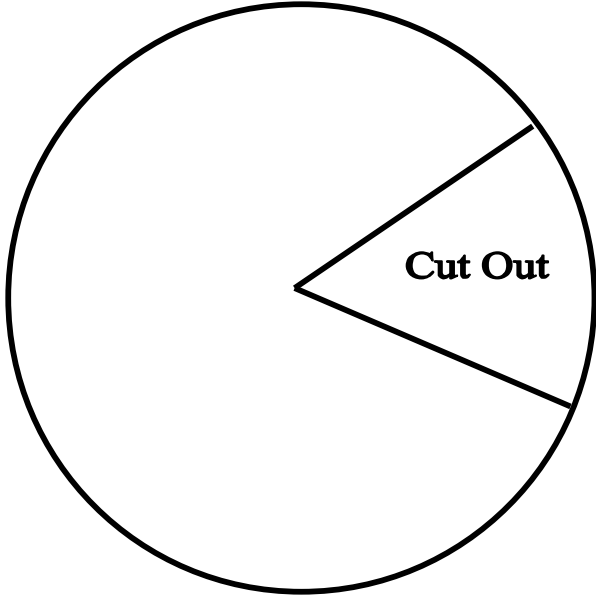


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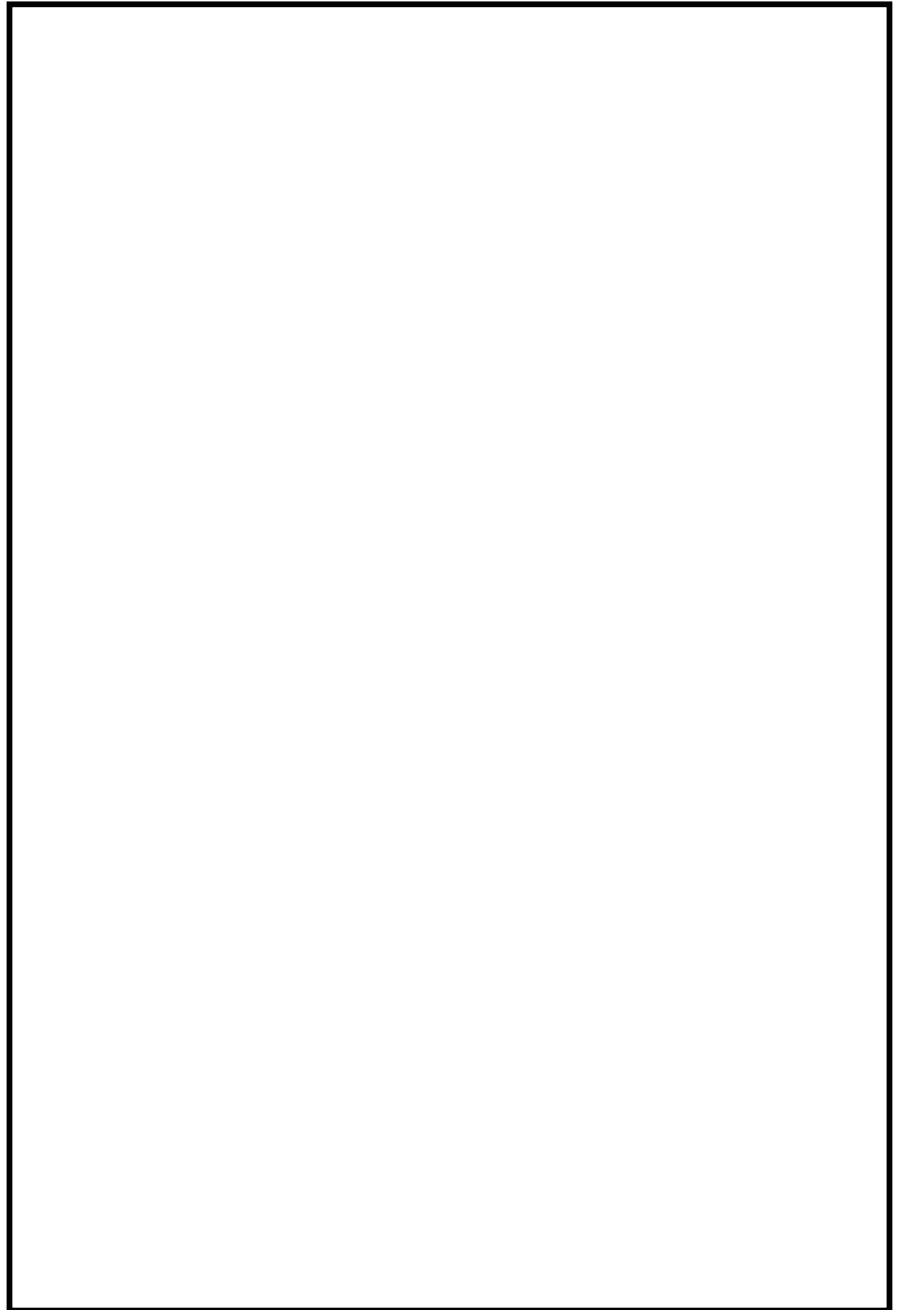
Visit our website at <http://www.challenger-lc.org>

# Pop Rocket Cutout Pattern

**Cone Pattern**



**Tube**



**Fins**

