

# 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 8½X11" paper
- White Plastic 35mm film canister (Black canister with gray cap does not hold pressure)
- Clear 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.



***Continued on back***

## ***Blast Off***

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

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

1. Drop ½ 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!**

*This activity is brought to you by  
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