

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
Reed Steele*

