

## THE FIZZY FLYER

### MATERIALS FOR FIRST ROCKET:

1. 4" X 4" piece of braille paper
2. Tape with built-in dispenser
3. Film canister with lid
4. Cone shaped paper drinking cup
5. Scissors
6. 3 fins
7. ½ Alka Seltzer tablet

### PROCEDURES:

1. Apply tape to two adjacent sides of the paper (with sticky side down). Image shows tape on left vertical side and bottom horizontal side of paper.
2. Remove lid from canister and place one taped side of paper to the canister so that it is not covering the opening (about 1/2" up from the opening).
3. Carefully wrap the paper around the canister to form a tube. End with the second taped edge to seal the paper around the canister.
4. Place cone drinking cup on top of the body of the rocket (this end is opposite of the exhaust) to get an idea of how small you need to make the cone.
5. Remove and then cut the cone to make it smaller so that it fits nicely on the top of the rocket.
6. Tape the nose cone to the rocket's tubular body.
7. Tape three fins to the bottom of the rocket body next to the canister opening, equally spaced around the circumference.

You are now ready to go outside and load the "fuel." Hold the rocket nose down, pour 1 teaspoon of water and drop in 1/2 Alka Seltzer tablet. Press on the cap and quickly position the rocket on the ground with the nose-cone pointing toward the sky, step back, and wait.

Countdowns are optional because it's a little difficult to tell when the Fizzy Flyer is going to take off. But that's part of the fun.

\*Directions adapted from the Civil Air Patrol available at [https://www.gocivilairpatrol.com/media/cms/Stage\\_1\\_Redstone\\_944AF619A90ED.pdf](https://www.gocivilairpatrol.com/media/cms/Stage_1_Redstone_944AF619A90ED.pdf)