

Film Can Rockets

Materials

1. Milky white film can (these work better than the black ones)
2. Alka Seltzer
3. Seltzer water or soda
4. Paper towels

Directions

1. Cut the tablet of alka seltzer in half
2. Fill the film can half way with soda
3. Place the half tablet into the film can
4. Quickly put the lid on the can securely
5. Shake the can two or three times
6. Put the can on the ground, lid side to the ground
7. Stand back!
8. Your rocket will take a while to launch. Do NOT walk near the rocket. If it does not launch after two minutes, ask an adult to help you.
9. Enjoy the launch!

What's going on?

Try to answer these questions about your new rocket!

1. What is causing the rocket to launch?
2. Try the same thing with just the seltzer water. Why does this not work as well?
3. Experiment with different amounts of alka seltzer. What amount works best? How high can you make your rocket go?

<http://www.stevespanglerscience.com/experiment/00000068>