

How to Make a Straw Rocket

Standard III, Objective 2, Activity 4

Materials Needed

- Soft plastic bottle, with a pop-up lid
- Modeling Clay
- Two straws (one smaller than the other one in diameter)

Directions

1. Cut both straws 6" in length.
2. Make four $\frac{3}{8}$ " slits around one edge of the smaller diameter straw.
3. Bend the four sections out (should look like an X or a + sign).
4. With the cap closed, place the slit end of the smaller straw in the center of the lid. Secure in place with the clay. This is your launch pad.
5. Make a nose for the rocket (large diameter straw) with a small amount of clay.
6. Slide the rocket over the launch pad.
7. PREDICT what will happen when the plastic bottle is squeezed firmly.
8. Actually squeeze the bottle and OBSERVE what happens.
9. Do it make a difference how hard you squeeze the bottle? Try it to find out.

