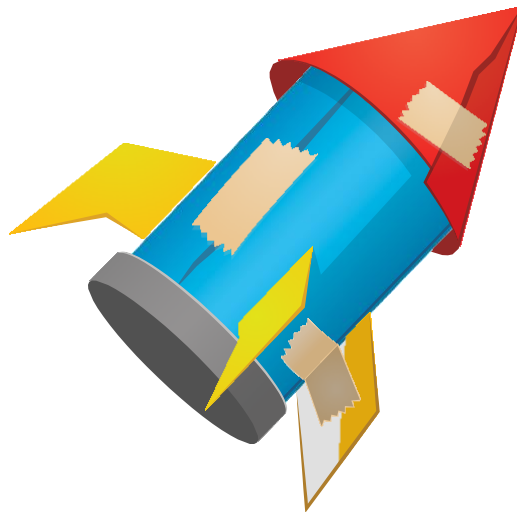




MAKE A ROCKET!

You can use a few simple materials at home to create your own rocket!



WHAT YOU'LL NEED:

- Empty film canister
- Construction paper
- Masking tape
- Scissors
- Pen
- Plastic Wrap
- Vinegar

INSTRUCTIONS:

1. Start by building the body of your rocket around the film canister. Flip the canister so that the lid is facing down. Roll a piece of construction paper around the film canister and secure with tape.
2. Next, make a nose cone for rocket. Cut a small circle out of construction paper. Find the center and mark with a pen. Cut a line from the edge of the circle to the center point. Bend until it forms a cone shape and secure with tape. Fasten onto the body of the rocket with tape.
3. Cut a few fins for the base of the rocket (a triangle shape works well) and attach with tape. Head outside with your rocket and the rest of your materials.
4. Now, it's time to get your rocket fuel ready! Cut out a small square of plastic wrap and fill with about a tablespoon baking soda. Loosely wrap up the baking soda into a packet that will fit into the film canister.
5. Turn the rocket upside down and remove the lid of the film canister. Place the packet of baking soda inside the canister and cover with vinegar. Quickly seal the canister and place the rocket on a flat surface.
6. Wait for the baking soda to react with the vinegar and watch what happens! If a reaction doesn't take place you may want to gently shake your rocket or try making fuel again, making sure the baking soda isn't so tightly wrapped.
7. Experiment with different rocket shapes and see what happens when you adjust the shape and size of the nose cone or fins! Have fun creating!



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