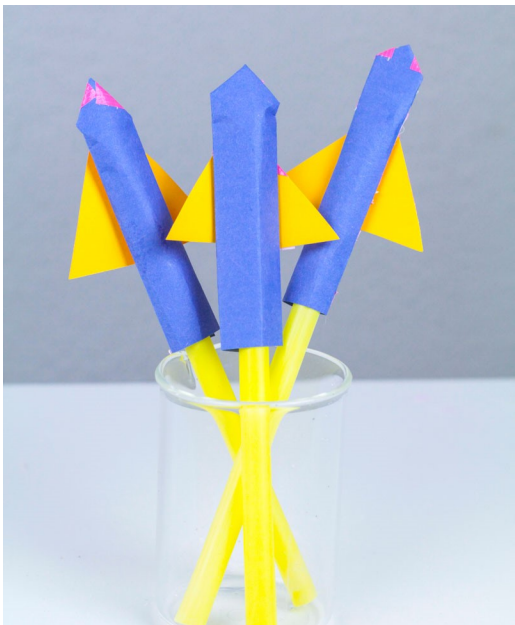


JUNE

science experiments



FOUR different experiments plus recording sheet



Make Your Own Rocket

Who would not LOVE making their rockets? Add some fun competition!

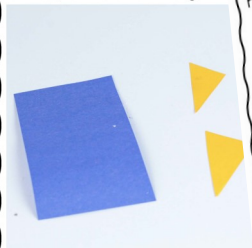
SUPPLIES

- Construction Paper
- Scissors
- Tape
- Straws



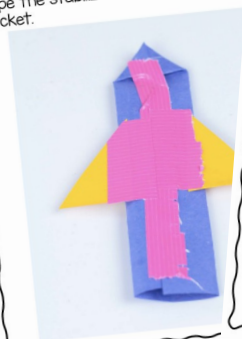
SETTING UP

Cut rectangles of paper about 1 inch thick and 3 inches long. Each rocket needs one straw, one rectangle, and stabilizers. Cut two acute triangles, about 1 inch in length.



DOING THE EXPERIMENT

Fold the rectangle into thirds lengthwise. Fold the top corners down into the center to form a point and tape. Tape the stabilizers to either side of the rocket.



QUESTIONS TO ASK

- Why does the air move the rocket?
- What do we use rockets for?
- Why are rockets shaped the way they are?

THE SCIENCE BEHIND

All rockets are powered by some kind of fuel. Rockets that go into space are powered by fossil fuels. Energy is required to move the rocket from point A to point B. Fire is burned to create heat energy which pushes the rocket into the air.

These straw rockets are powered by air. Blowing air into the straw pushes the rocket forward with power. How far the rockets can go depends on the design, how it is attached to the straw, and how hard you blow.

Have a competition and see who can get their rocket to travel the farthest!

Name: _____

Rocket Launch

If we blow on the straw, I predict this will happen to our rockets:

Show what happened to your rockets after you blew on the straw:

step-by-step directions & differentiated recording sheet

