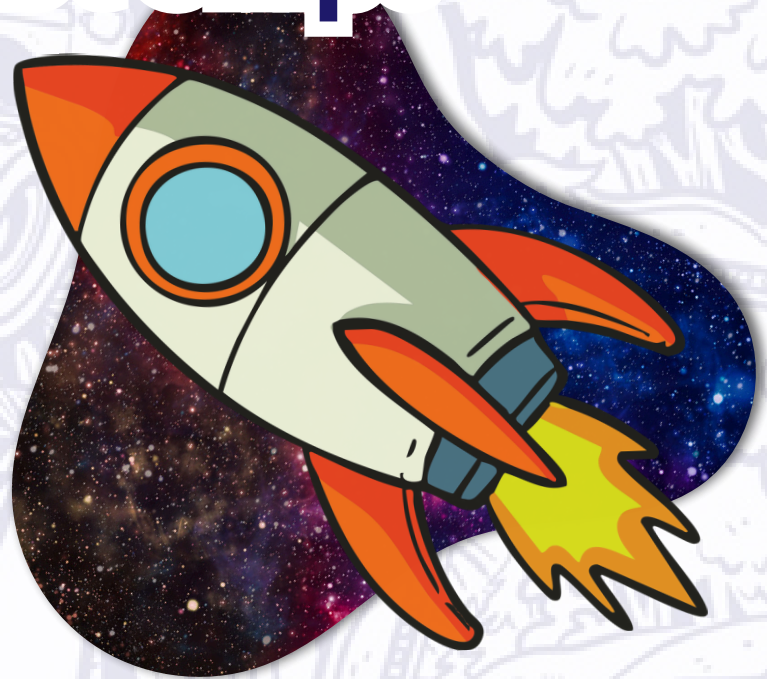


Rocket Ships



WHAT YOU NEED:

- Full straw
- ½ straw
- Paper square
- Tape

HOW TO:

1. Take the short straw piece and put tape over one end only.
2. Fold a square of paper into triangular wings (or fins) to help your rocket fly.
3. Tape the wings/fins toward the open end of the short straw as that is the bottom of the rocket. This is the rocket part of your straw rocket!
4. Place your rocket over the long straw. It needs to fit loosely.
5. Blow into the end of the long straw. Your rocket will shoot into the air!

WHAT'S HAPPENING?

When you blow air into the straw, it travels to the end of the straw, and pushes its way out, taking the rocket with it as it moves. The harder you blow into the straw, the more energy the air has, and the further your rocket will fly!



FUN FACT

Did you know that the Chinese probably invented rockets over 800 years ago? They filled bamboo cases with gunpowder to propel the rockets. The idea of launching rockets into space is attributed to Konstantin E. Tsiolkovsky, a Russian scientist in the late 1800s.

Related Books:



How Rockets Reach Space
by Arnold Ringstad



Rocket Science for Kids
by Russell Newman



Traitors in Space
by Tim Collins



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