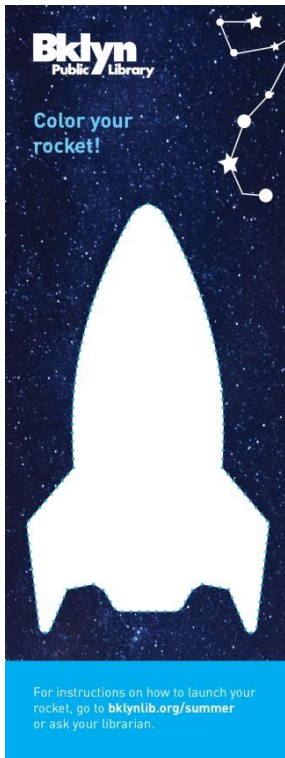




HOW TO MAKE A STRAW ROCKET



In this activity, children are using the air in their lungs to act as fuel for their rockets. Rockets use the reaction principle to power them into space: gases inside the rocket build up with extreme pressure. With only one way out—through the bottom of the rocket—enough force is provided to launch the rocket into space. Blast off!

What you need:

- Summer Reading 2019 Rocket Bookmark
- Markers or crayons
- Scissors
- Small piece of scrap paper
- Tape
- Straw

What you do:

1. Color and decorate your rocket.
2. Cut out your rocket along the dotted line.
3. Roll a small piece of paper around a straw. Tape the paper together so that you have a small tube. **Don't tape the straw to the tube!**
4. Close one end of the tube with tape. Tape the tube to the back of the rocket, with the closed end toward the rocket's nose.
5. Place the smaller straw inside the paper tube, and blow through it to make the rocket take off.
6. Try launching the rocket at different angles to see which gives the most distance.



Additional Activities:

Experiment with angles by orienting the rockets before launching them. By using bending drinking straws, launch rockets at zero-degree, 45-degree, and 90-degree angles. Record the distances the rockets travel and compare results.