

ISSUE 1, 2023

BLUE BUCKS[®] ADVENTURES

in
SPACE



Launch Your Own Blue Bucks Rocket

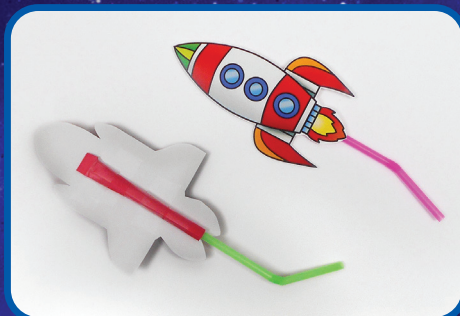
Have you ever thought about rockets launching into space? Rockets use powerful engines which allow spacecraft and satellites to be blasted into space at incredible speeds! Below you'll find a fun project where you'll create your own rocket. Here's what you'll need:

- Crayons or colored pencils
- Straws
- Tape
- Scissors
- Rocket template
- Paper cut into rectangles about 2" wide by 4.5" long

1. First, take the enclosed rocket template and color your rocket.
2. Take your measured rectangle of paper, wrap it around the straw and tape it down. Pinch down the top of the paper tube and tape one side closed. Don't tape it too tightly around the straw, keep it kind of loose.
3. Cut out your colored rocket and on the backside lay the straw with the taped tube down. Now, tape only the tube onto the back of the rocket. The straw shouldn't be taped to anything, only lightly sheathed inside the paper tube.
4. Once everything is all attached, take your rocket to a launch safe area and blow into the bottom of the straw!

How high can you get your rocket? Don't forget to try different angles and see what works best, what distances can be achieved. Also, you could try adding fins or folding your rocket in different ways to see how this can affect its flight.

Try this with your friends, and see who can launch their Blue Bucks® rocket the farthest!



BLUE BUCKS® ADVENTURES

Space. Such a big place. And so far away. Maybe you've seen pictures from space in a museum, or watched movies about what it might be like in space. Whether you want to be an astronaut, or you're curious about how far away your favorite star is, there are plenty of fun things to learn about space.

New for Blue Bucks® members this year, we're having a contest every quarter with a winner receiving a themed prize pack. We'll draw the first winner on March 31st, 2023, who will receive a space prize pack that'll make it easy to bring the stars a little closer to home. A travel telescope, a buildable solar system model and a planetarium projector are all part of the first quarterly prize. And as a Blue Bucks member, you're already entered!

For contest rules, visit capfed.com/bbprize.

GOOD LUCK!

Milo



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FDIC





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Did You Know? Fun Facts About Rockets!

- FIREWORKS are the simplest of solid rockets, they are also the weakest.
- The design, development and production of rockets and spacecraft is called ASTRONAUTICS.
- NASA uses HYDROGEN as rocket fuel to deliver crew and cargo into space.
- NASA's SATURN 5 ROCKET is the largest at over 300 feet tall.
- GUNPOWDER was the first fuel used in the earliest known rockets.

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