

# Making a Balloon Rocket

Learn about propulsion.



## Materials

- long balloon
- thin string or yarn
- large straw with a short piece cut off
- tape
- measuring tape

## Procedure

1. Place the string or yarn through the longer piece of straw. Attach the string or yarn to each side of the room.
2. Blow up the balloon. Do not let the air out. You may wish to use something to clamp the neck of the balloon closed.
3. Tape the longer piece of straw to the balloon, making sure not to let the air out of the balloon.
4. Place the shorter piece of straw into the neck of the balloon and tape it into place.
5. Stand at one end of the room and let the air out of the balloon. As the air rushes out, the balloon should travel along the string or yarn.
6. Launch your balloon rocket three times. Use the measuring tape to see how far your balloon rocket moves each time. Record your measurements on the back of this paper.

