



# Balloon Rockets

## Experience

Invite your child to try the following science experiment. Tie one end of a piece of string to a chair, doorknob or other support. Thread the other end of the string through the straw (if you do not have straws make a paper tube from scrap paper) pull the string tight and tie to another support. Blow up the balloon and pinch the end to keep the air inside. Do not tie the balloon. Tape the balloon to the straw so that the open end is horizontal to the ground. Pull the balloon to the end of the string so that the balloon opening is against the support. Let go of the end of the balloon and watch it zip to the other end of the string.

**Extension:** Design something to attach to the balloon or straw to carry an object across the room.

## Learning benefits

- Cause and effect (Science)
- Forces and motion (Science)
- Designing and making (Science and technology)
- Increases vocabulary through discussion



15 - 20 mins



5 - 12 years

## Materials

Balloons  
Straws  
String  
Tape

## Hints and Tips

Experiment with different lengths of string and more or less air in the balloon.

Provide your child with encouragement as they experiment.