

Create a balloon rocket

What you'll need:

- balloons
- straw
- string
- sticky tape
- scissors



What is wind?

Air is all around us, but we cannot see it or feel it until it moves. Wind is the movement of air. Wind can move things, like clouds in the sky and sails of boats or the blades of wind turbines, sometimes it is gentle and sometimes it is strong. You can inflate the balloon and when you let the air out, you will feel the wind on your face! Now, let's try and use wind to power a balloon rocket!

Method:

- First you need to find a suitable place in your house or outside where you can tie a long piece of string and stretch it tight (between 2 chairs or other furniture, trees, doorknobs etc.) One end is the start line and the other is the finish line.



- Tie one end of the string to whatever support you have chosen, this is your finish line.
- Put the string through the straw and tie the other end of the string to the other support.
- Blow up the balloon and ask a parent/brother/sister to hold the end of the balloon for you so the air doesn't escape.
- Attach the balloon to the straw with sticky tape, thick tape is better than sellotape as the balloon will deflate when it travels, so you need very sticky tape!
- Still holding the end of the inflated balloon, move the balloon back on the string so that it is at the start line.
- Let go of the balloon and watch it move along the string.



You could also go a step further and set up balloon rocket races with your siblings, parents, or grandparents. Good luck with your races!