

Lab Sheet: Balloon Rockets

Materials needed	<p>You will need:</p> <ul style="list-style-type: none">• One or two balloons• One or two plastic/paper drinking straws• Scissors• String/rope/thread (small enough to thread through straws), for best results try to find something at least one meter long• Tape
Hypothesis What do you think will happen?	

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Procedure

1. Tie one end of the long string, rope, or thread to a door handle, chair, or another sturdy object.
2. Cut two 4-5cm segments of straw and thread them onto the string.
3. Pull the string tight and tie it to another chair/sturdy object, or have someone hold it tight for you, the tighter you tie or hold the string the better your results will be.
4. Blow up a balloon (don't tie the end) and tape it to the two pieces of straw on the string to create your rocket. Make sure you leave some space between the two pieces of straw, to help your rocket fly straight.
5. Slide your rocket along the string so that the mouth of the balloon is close to the end of the string and then let go. What happens?

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<p>Observations</p> <p>*Remember observations can be recorded with pictures, numbers and/or words!</p>	
<p>Conclusions</p>	<p>What property of air does this experiment help us prove?</p> <p>Explain your thinking and try to use words and diagrams to support your answer.</p>