



Rocket Launch

EQUIPMENT	Large balloons (long shaped) (Round ones will work but the long balloons look more like a rocket.), Balloon pump, String OR cotton thread OR fishing line 3-4 m long, Drinking straw, Clothes-peg, Sellotape, Two chairs
PREPARATION	Collection of materials
BACKGROUND INFORMATION	The air coming out of the back of the balloon pushes the balloon forward. This is how rockets work – the hot burning gases rushing out the back of the rockets push them forwards.
SKILLS	Investigating and experimenting
ACTIVITY	<p>Blow up a long shaped balloon and let it go.</p> <p>Notice what happens. <i>(The balloon will travel off in random fashion as the air rushes out the back of it.)</i></p> <p>Now control the path of the balloon by connecting it to a piece of string. <i>(The balloon will whiz along the string.)</i></p> <p>Care with the string.</p>
SAFETY	





Rocket Launch Continued

1. Blow up a long-shaped balloon and let it go.
2. Notice what happens.
3. Pull string through a drinking straw.
4. Tie the string to two chairs and pull it tight.
5. Blow up a long-shaped balloon and keep the air in it using a clothes peg.
6. Using sellotape attach the balloon to the side of the straw.
7. Pull the whole thing back to the beginning of the string and take off the clothes peg and ...launch your rocket!

