

<b>Topic:</b> Forces	<b>Year 5</b> Age 9-10	<b>Title:</b> Parachute car investigation
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<b>Working Scientifically Focus</b> <b>Plan:</b> planning different types of scientific enquiries to answer questions, including recognising and controlling variables	<b>Conceptual Knowledge Context</b> identify the effects of air resistance
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**Example**

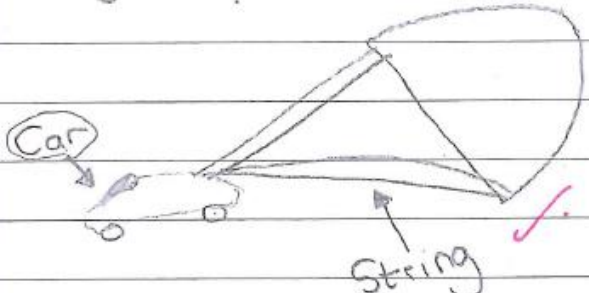
Children were asked to design and test a parachute which would slow a car down a ramp.

Resources                      thinking

• Bin Bag  
• String

With our thinking we decid to do a Bin bag because the tissues we to small. If we extended the tissue it would be the long shape. We then all worked together and thought of cutting the bin bag into a square and attaching the string to it.

Diagram + Design



How to make a fair test

- Make the Parachute the same size
- String the same length
- Ramp being the exact same angle and length.
- Car being same.

Air resistance

Children meeting the objective would be able to explain or show which variables are important when comparing the effectiveness of different parachutes.