

KEY STAGE: 2

AT/SC: 4

TITLE: How far can I tilt my tower before it falls?

Programme of Study:

- 4.2f That forces act in particular directions
- 4.2g That forces acting on an object can balance and that when this happens an object at rest stays still

Points to consider:

This could also be carried out as an investigation of plasticine animals with straw legs - this increases the number of variables.

Possible AT1 teaching focus:	Comments:
<ul style="list-style-type: none">• <u>Planning</u> Asking questions Predicting Fair Testing Choosing equipment• <u>Obtaining Evidence</u> Using tables Using equipment Observing and sorting Repeating readings• <u>Considering evidence</u> Using graphs• Drawing conclusions Interpreting Using science• <u>Evaluating</u> Sufficient evidence? Consider anomalies Consider improvements	<p>Data available to draw graph and interpret. Also, start to suggest improvements to the experiment.</p>