

## Design and Technology Homework Task

<b>Subject</b>	Design and Technology	
<b>Module Title</b>	Automata - Resistant Materials	
<b>Year Group - 8</b>	<b>Term - Autumn/Spring/Summer</b>	
<p><b>Context of the task</b>            This homework covers the area of finalising your design. It is to give you the opportunity to develop your thinking and sketching skills. The teacher will have discussed the task during a lesson prior to setting the homework.</p>		
<p><b>Objective of the Task</b></p> <ul style="list-style-type: none"> <li>• to research possible mechanisms to achieve a desired movement</li> <li>• to develop sketching and labelling skills</li> <li>• to explain how your chosen design will function</li> </ul>		
<p><b>Outline of the task</b>            In this task you must be careful to understand how your design will work, you can use the links to research how the movement can be achieved. You are to sketch a final design to scale on the A4 design sheet provided in class (alternatively, sketch your idea to scale in your exercise book). You are to produce a final design to scale and clearly label how your idea will move.</p>		
<p><b>Expectations/Timing</b>            1 homework sessions</p>		
<p><b>Suggested Resources</b>  <a href="http://www.technologystudent.com/cams/camdex.htm">http://www.technologystudent.com/cams/camdex.htm</a>  <a href="http://www.flying-pig.co.uk/">http://www.flying-pig.co.uk/</a></p>		
<b>Assessment Focus</b> Peer assessment	<p><b>Contact details</b>            Miss Brown            Tel 01223 721844            cebrown@sawstonvc.org</p>	