

<p>Subject: Design & Technology</p>	<p>Year Group: 1 Term: Advent 2</p>	<p>Title: Fire, fire! (mechanisms- moving pictures)</p>												
<p style="text-align: center;">sliders levers</p>	<p>Key Knowledge:</p> <ul style="list-style-type: none"> • What a mechanism is and what they are used for. • Which mechanisms are best used in the design of a moving picture. • Why these mechanisms are used and how effective they are. • How mechanisms can be made to be stronger, stiffer, and more stable. 	<p>Key Questions:</p> <ul style="list-style-type: none"> • Product- what could we make? • Purpose- what is it for? • User- who is going to use it? • What movement does this lever/slider make? • What happens if I change the length? Position? Size? Shape? Direction? • Which mechanism will give me the movement I want for my picture? 												
<p>Key Skills:</p> <ul style="list-style-type: none"> • Evaluate existing products • Design a moving picture using a slider or lever, based on existing products and own ideas. • Select materials needed for a purpose • Folding, tearing and cutting paper and card. • Joining materials for a purpose. • Evaluating my own and others' work. 	<p>Good Designers...</p>	<p>Key Vocabulary and Definitions:</p> <table border="1"> <tr> <td>Mechanism</td> <td>The whole or parts of a machine, mechanical system or device.</td> </tr> <tr> <td>Lever</td> <td>A rigid bar which moves around a pivot.</td> </tr> <tr> <td>Slider</td> <td>A rigid bar which moves backwards and forwards in a straight line.</td> </tr> <tr> <td>Product</td> <td>Something made by means of either human work or that of a machine</td> </tr> <tr> <td>Position</td> <td>The way something is placed or arranged</td> </tr> <tr> <td>Purpose</td> <td>A reason or plan that guides a design.</td> </tr> </table>	Mechanism	The whole or parts of a machine, mechanical system or device.	Lever	A rigid bar which moves around a pivot.	Slider	A rigid bar which moves backwards and forwards in a straight line.	Product	Something made by means of either human work or that of a machine	Position	The way something is placed or arranged	Purpose	A reason or plan that guides a design.
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