



Year 4 DT Curriculum Map

Keep it safe		Electronics	
Lesson 1	<p>LO: To investigate a collection of different sell structures including packaging</p> <p>Theme: To investigate structures</p>	Lesson 1	<p>LO: To understand that electrical systems have an input, process and output</p> <p>Theme: To learn about electrical systems</p>
Lesson 2	<p>LO: To construct and assemble nets creating 3D shapes</p> <p>Theme: To construct nets to create 3D shapes</p>	Lesson 2	<p>LO: To investigate different examples of battery powered products</p> <p>Theme: To learn how electrical products meet the needs of users</p>
Lesson 3	<p>LO: To develop design ideas for our product, considering appropriate tools and skills required.</p> <p>Theme: To develop a design brief and to sketch ideas for the product/To design, make and evaluate structures</p>	Lesson 3	<p>LO: To discuss the purpose of the battery powered product and who they will be for</p> <p>Theme: To develop a design criteria/ To design an electrical circuit diagram</p>
Lesson 4	<p>LO: To sketch and create pieces for our structure design</p> <p>Theme: To measure, mark out, cut and shape materials (To experiment with making techniques – explains techniques used)</p>	Lesson 4	<p>LO: To generate ideas and plans to make electrical systems</p> <p>Theme: To generate ideas for electrical systems using different materials and components</p>
Lesson 5	<p>LO: To assemble and evaluate the final product</p> <p>Theme: To assemble, join and combine materials creating a finished product/To evaluate the final product</p>	Lesson 5	<p>LO: To make and evaluate switches that operate in different ways</p> <p>Theme: To design, make and test components for an electrical system/To evaluate how well products meet user needs and wants</p>