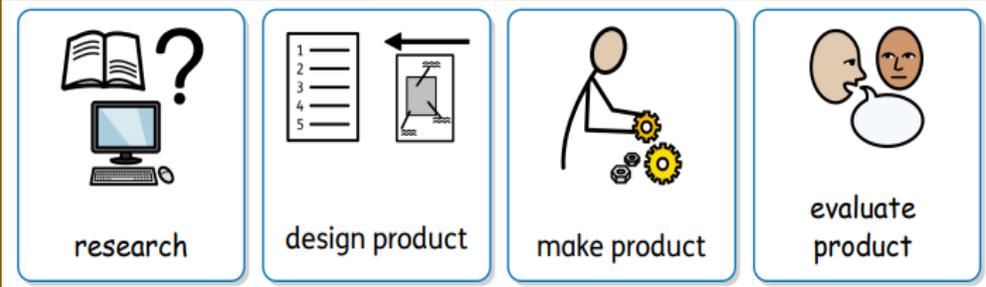


The Design Process



Vocabulary

Prototype- A product built to test ideas and changes until it resembles the final product.

Electrical system- consists of all of the elements needed to distribute electrical power, including overhead and underground lines, poles, transformers, and other equipment.

Durable- The ability of a material to withstand damage or wear.

Electrical components- These are basic elements that are connected together to make circuits.

Target audience- A specific group that a product is aimed at.

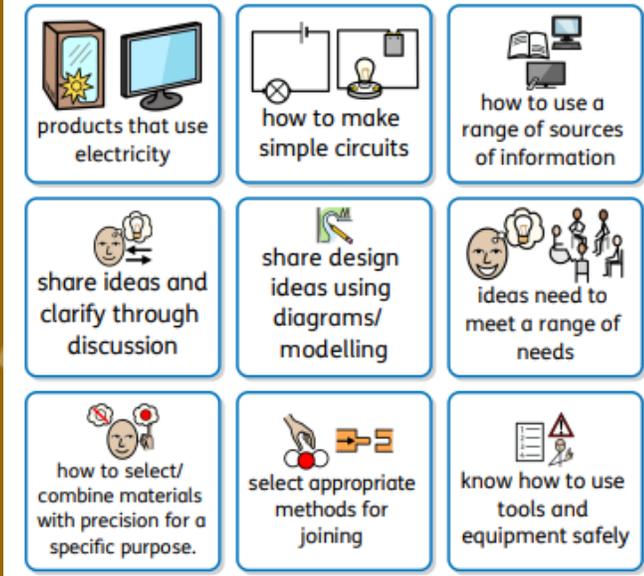
Unique Selling Point- What makes a product different from others.

Modification- A change that is made to design at any stage of the process. This is usually made to fix a fault or improve a product.

Conductor- a material that allows electricity to pass through it easily.

Insulator- a material that doesn't easily allow heat or electricity to pass through it.

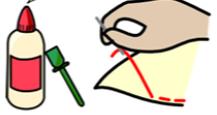
What should already know



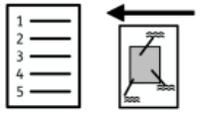
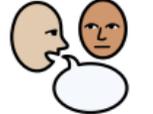
Some components of an electric circuit					
	Wire	cell	switch	buzzer	lamp
Circuit Diagram					
Picture					

The Design Process

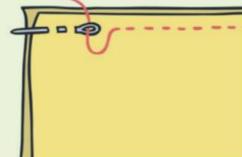
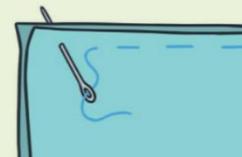
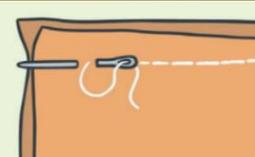
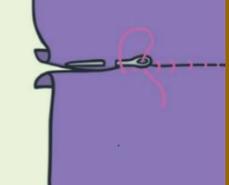
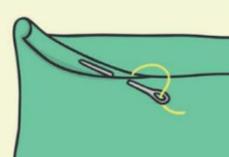
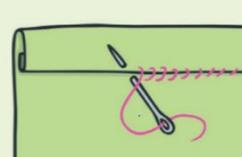
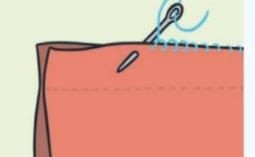
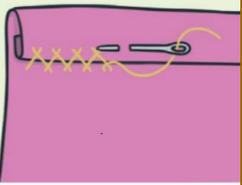
What I should already know

 <p>different types of fabrics/ thread available</p>	 <p>how to thread a needle</p>	 <p>how to make a template</p>
 <p>how to cut fabric</p>	 <p>how to sew using various stitches</p>	 <p>ways of joining fabric</p>

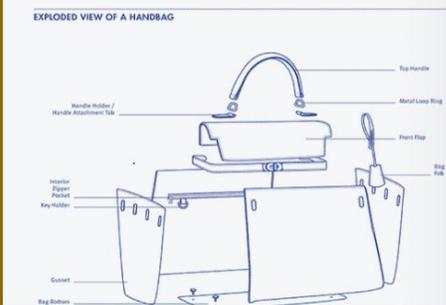


 <p>research</p>	 <p>design product</p>	 <p>make product</p>	 <p>evaluate product</p>
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Stitches

 <p>running stitch</p>	 <p>basting stitch</p>	 <p>backstitch</p>	 <p>invisible stitch</p>
 <p>slip stitch</p>	 <p>hemming stitch</p>	 <p>overcast stitch/whipstitch</p>	 <p>catch stitch</p>

Exploded diagram of a bag



Vocabulary

Target Audience- A specific group that a product is aimed at.

Unique Selling Point- What makes a product different from others.

Modification- A change that is made to design at any stage of the process. This is usually made to fix a fault or improve a product.

What I should already know

 how to prepare for cooking	 make healthy eating choices and explain why	 select tools, explain choices and use them safely
 how to use health and safety rules	 prepare/ cook savoury dishes using learnt skills	 investigate ingredients of food products
 suggest improvements and how to implement	 explain some processes used to preserve food/ make more appealing	 how to clean, tidy, wash up

Vocabulary

Reared- animals that are raised to produce meat or other food products

Processed- having been subjected to a process or treatment as part of manufacturing

Cultural-the way people live and its influence on their lives eg. clothes worn, foods eaten, where they live, language spoken and celebrations

Traditional-the handing down of information, beliefs, or customs from one generation to another

Affordable-the cost of something is low enough for most people to have enough money to buy it

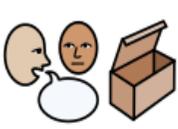
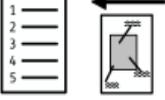
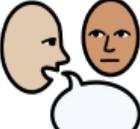
Social influences-how you might change your opinions and behaviours based on the people around you

Vegan-someone who doesn't eat or use animal products, including dairy, eggs, honey and any materials produced from animals eg. leather

Vegetarian-someone who does not eat meat, but they eat eggs and dairy products.

Ethical Dilemma-any situation where an individual is faced with a range of choices that always will include some cost.

The Design Process

 research	 design product	 make product	 evaluate product
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