What I Should Already Know:
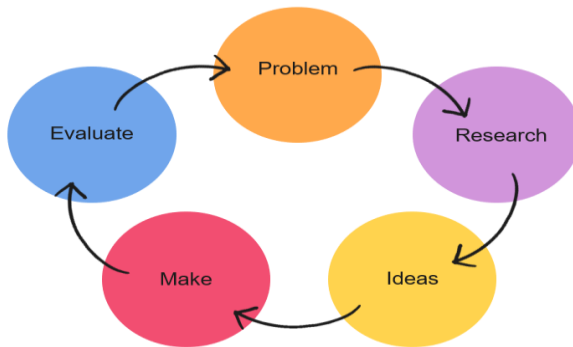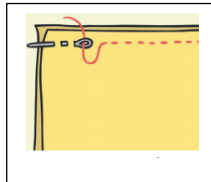
- Fabric is woven and the action of weaving
- The properties of some fabrics
- That fabric can be joined by stitching
- Textile products can be decorated to improve their looks
- To use running stitch

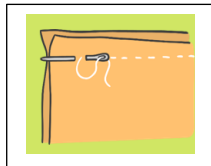## Skills & Enquiry:

The Design Process

Problem → Research → Ideas → Make → Evaluate

Product Design

Design purpose - identify the purpose of the product and consider what factors will influence the final product in order to be successful (people will want to purchase it)

Market research - investigating what other similar products are on the market and how does your new innovative product compare. Do people want it?   Will it be successful ?

Target audience - the group/groups of people who the product is aimed at marketing and wanting the product
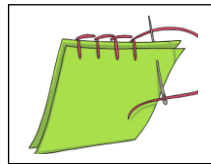
Types of Stitches

Running Stitch
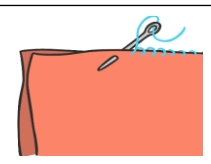A stitch used to join fabric together. Also used for decoration.

Backstitch
A strong stitch, useful for holding seams together

Blanket Stitch
A decorative stitch for strengthening edges.

Whipstitch
A simpler version of blanket stitch.

Unit Specific Vocabulary:

Template - rigid material used as a pattern for processes such as cutting out

Sew - join, fasten, or repair (something) by making stitches with a needle and thread

Cast on/ tie off - the first loops to begin/finish stitching securely

Design criteria- the requirements the design must meet to be successful

Product aesthetics - visual appeal (how it looks}

Functional- useful/purposeful

Specification - detailed description of design

Prototype- first or preliminary version of a product

Fastenings - device that closes or secures

Evaluate - to test ow successful the product is linked to the design criteria and how could it be modified and improved

What I should know by the end of the Unit:

- To know how to create design criteria
- To know how to annotate designs
- To know how to create a step by step plan
- To know how to use scissors safely
- To know how to create a template
- To know how to cut fabric
- To know why we cast on and off
- To know how to use a chosen stitch