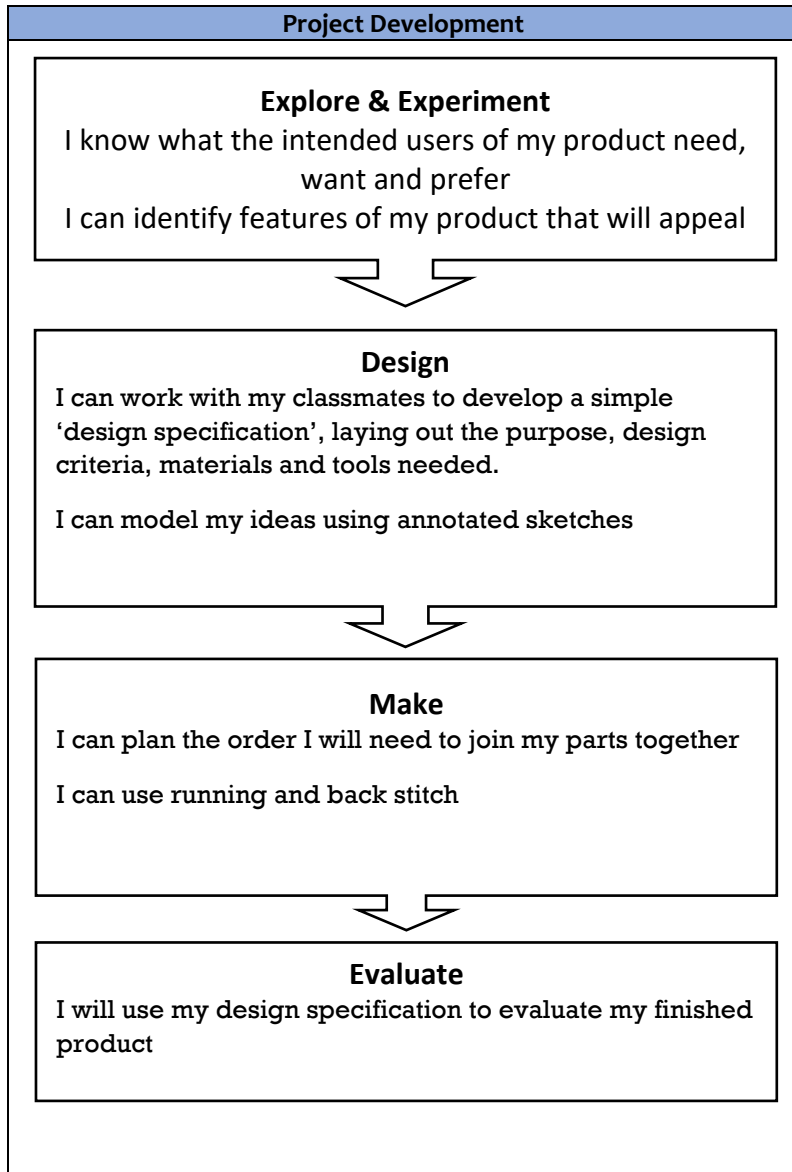




Subject	Design & Technology	Theme	Finger puppets	Term	3/4
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What should I already know?

- That a 2D piece of fabric can be used to create a 3D product (Y4: Roman bullas)
- Running stitch is a simple stitch, useful for decoration and holding material in place
- That accuracy of measuring and cutting is important if parts are to be joined successfully

What should I know by the end of the unit?

Know how to create a 3D product from 2D materials

Understand that knowing the needs, wants, preferences and values of the intended users of a product is key to the product's success

Understand the term 'constraint' and the factors that must be considered (time, resource, cost)

Know that different materials have different decorative and functional purposes, and use this knowledge to select appropriately

Know that backstitch is the strongest stitch done without a sewing machine, and is therefore particularly good for sewing seams. It can also be good for decoration

D&T Knowledge & Skills

Begin to understand the D&T cycle: explore – design – make – evaluate

- **Identify the need, wants, preferences and values of a particular group** (the intended users of a product)
- **Describe the purpose of their product:** Why is this being made? What **need** does it fulfil?
- **Indicate the design features that will appeal to intended users:** why would someone like this? What **need** does it fulfil, and **how**?
- **Develop a simple design specification to guide their thinking:** what does their product need to be/do? How will they use this to help them make decisions?
- **Make design decisions taking into account time, resource and cost constraints:** What do we have available that we could use? What alternatives do we have? Is this **realistic**?
- **Model ideas** using annotated sketches
- **Planning:** order the stages of making
- **Materials:** select appropriately
- **Assemble and join:** stitch (running & back) with needle and thread, glue gun
- **Evaluate their finished product against design specification:** is it successful? What are the strengths of their product? What could be improved and how?

Key Vocabulary

Intended user	the target audience of a product
design features	particular elements of a product, intended to appeal to the intended user
running stitch	simple stitch used for holding material in place
back stitch	the strongest stitch done without a machine, particularly good for seams