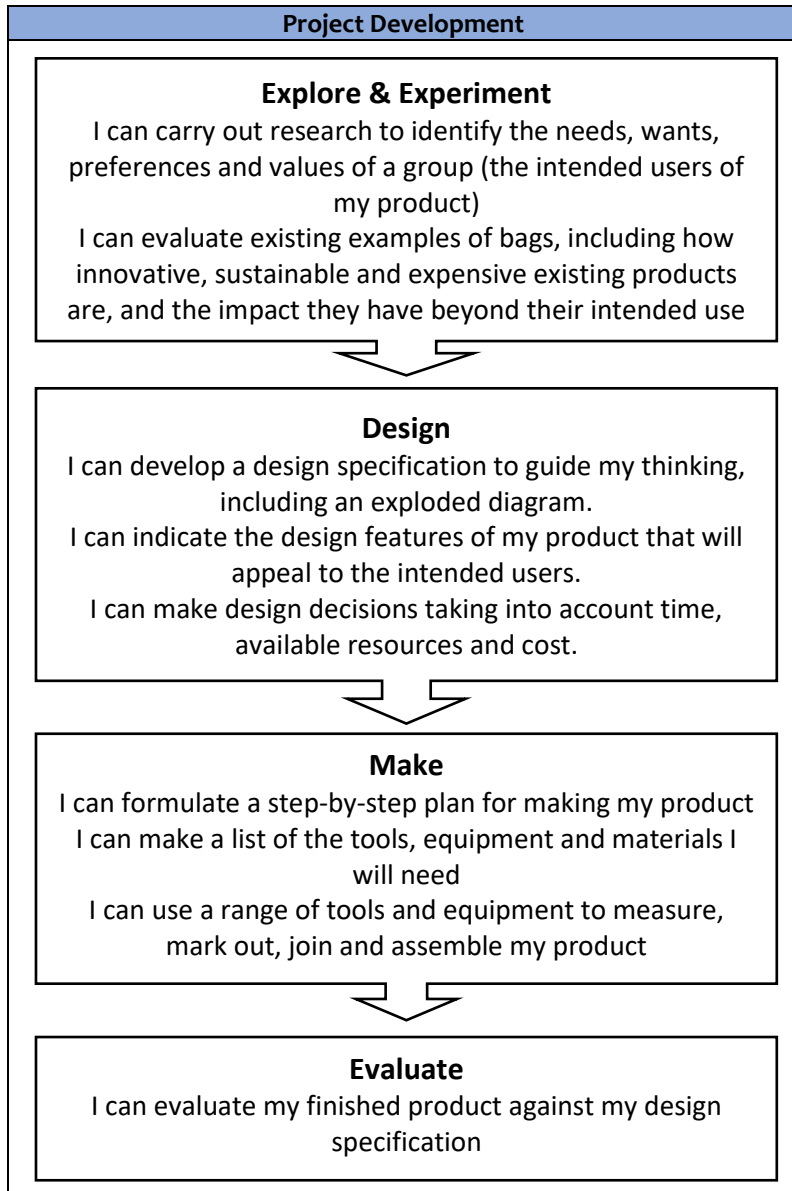




Subject	Design & Technology	Theme	Bags for sustainability	Term	1 and 2
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What should I already know?

- How to create a 3D textile product from a flat piece of material (purses – Y4, finger puppets – Y5)
- A range of stitches (including running stitch and back stitch)
- How to create and use a list of design criteria
- How to select appropriate materials to meet a particular purpose
- How to model ideas using annotated sketches

What should I know by the end of the unit?

- Ways to identify the needs, wants and preferences of the intended users of a product
- Ways in which products fulfil needs
- How to model ideas using exploded diagrams

D&T Knowledge & Skills

Know and explain the D&T cycle: explore – design – make – evaluate

- Know that fabric shapes can be combined to make a 3D product (bag)
- Find out what a target group wants from a product, the reasons products are made, and the needs they fulfil
- Identify the specific features of a product which will appeal to the target audience, and develop a simple design specification to show their ideas and guide their thinking using exploded diagrams
- Formulate a step-by-step plan as a guide to making their product, and produce an appropriate list of tools, equipment and materials they will need
- Evaluate existing products and their own finished products
- Investigate and analyse how innovative products are, how sustainable the materials in a product are, what impact products have beyond their intended use, and how much products cost to make

Key Vocabulary

A need	Require something because it is essential or very important
A want	Require something because it is desirable
Design specification	A detailed list of the features of a product, and how the product will be put together
Target audience	The intended users of a product
Exploded diagram	A picture showing the different parts of a product separately
Innovation	A new product, idea, process or method
Sustainability	Making sure natural resources are not used up