

## Year 6 Phone Cases

### What it looked like last year...

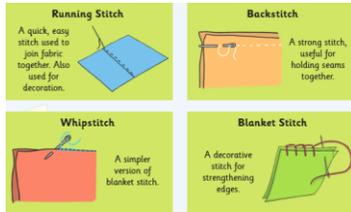
- To generate and create ideas through discussions.
- To research a range of materials.
- To use appropriate materials based on research.
- To research ideas to inform a design.
- To develop a design criteria.
- To build a framework accurately using a wide range of tools and equipment.
- To evaluate a product.

### What it looks like next year...

- Develop detail design specification
- Evaluate products against original specification and find ways of improving them.
- Select from a wider more complex range of materials and components.
- Produce ordered sequences and schedules for making products they design and make.
- Use a broader range of manufacturing techniques.
- Apply a range of finishing techniques.

### Vocabulary (definitions)

Design criteria	Annotate	Pattern
Aesthetics	Design Process	Template
Functional	Specification	Precisely
Accurately	Scale	Felt
Evaluate	Fastening's	Innovative – New idea.



**Aesthetic Qualities:**  
Characteristics of materials that make products pleasing to the user, for example pattern and colour.

**Functional Properties:**  
Characteristics of materials that enable products to work effectively, for example flexibility and strength.

### Sequence of Learning

1. Research and develop a design criteria for an innovative, functional and appealing phone case.
2. Develop and communicate design through annotated sketches and discussion and think about creating a paper template of the design.
3. Develop ideas and create a paper template of the phone case using pattern pieces to create the prototype.
4. To practise different types of stitching that may be used to create the final product and apply these to my design criteria.
5. Generate a step by step plan to communicate the process used to make the phone case.
6. Select from a range of materials taking account of their functional and aesthetic properties to make the phone case and then evaluate the felt phone case against the original design criteria.

### Cultural Capital

- To write a design criteria for a given product.
- To generate a range of design ideas and clearly communicate the final design.
- To organise ideas in a step by step plan.
- To make a paper template.
- Practise using different types of stitches and choose the best on to use on the final product.
- Select decorative techniques and fastenings according to their functional properties and aesthetic qualities.
- **The real life knowledge that links is:** Use research to design a product fit for purpose. Understand materials according to properties and learn different sewing stitches.
- **The jobs it can be used in are:** Textiles, design

