

Year group:  
Year 5



Term: Summer Textiles

**National Curriculum:** Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate ideas through discussion, annotated sketches, cross-sectional and exploded diagrams and pattern pieces. Select from a wider range of materials and components according to their functional properties and aesthetic qualities. Evaluate their ideas and products against their own design criteria. Investigate and analyse a vast range of existing products.

## Key Knowledge and skills

Create objects that employ a seam allowance.

Join textiles with a combination of stitching techniques (such as back stitch for seams and running stitch to attach decoration).

Use qualities of materials to create suitable visual and tactile effects in the decoration of textiles.

Take inspiration from design in history.

Combine elements from a range of inspirational designers throughout history.

Create innovative designs that improve upon existing products.

Evaluate the design of products so as to suggest improvements to the user experience.

## Vocabulary

Pattern and template	A shape made of metal, plastic or paper which is used to make copies or to help someone cut something accurately.
Thread	A long piece of cotton, wool or nylon used for sewing.
Seam allowance	The area between the edge and the stitching line on two pieces of material being stitched together.
Felt	A type of thick, soft cloth made by pressing layers of wool together.
Fastenings	A device that closes or secures something.
Pin cushion	A small, soft object into which pins can be pushed to keep them safely until you need them.
Design	A plan or drawing produced to show the look and function of an object before it is made.
Aesthetics	The way the product looks and feels; visual first impression.

## Evaluate

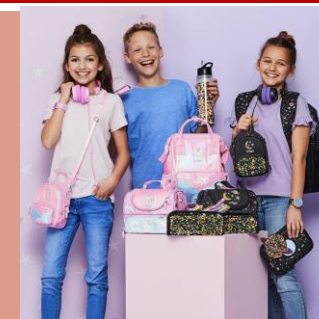
Was my product functional and purposeful based on my design?

How is my product different or better to what is already available on the market?

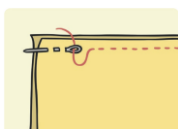
What are the key events, products or individuals that inspired my design?

## Inspirational designers

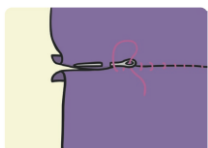
Stephen Meurs and Peter Pausewang are the designers and owners of the popular stationery brand 'Smiggle' – which stands for 'smile and giggle'. They saw a gap in the market for eye-catching, colourful and functional range of stationery and accessories and designed their range in 2002.



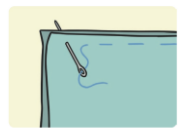
## Simple sewing stitches



running stitch



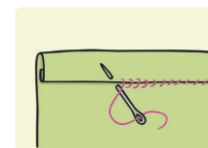
invisible stitch



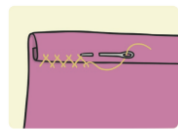
basting stitch



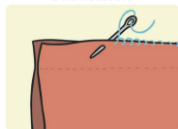
backstitch



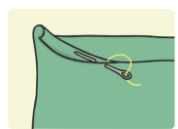
hemming stitch



catch stitch

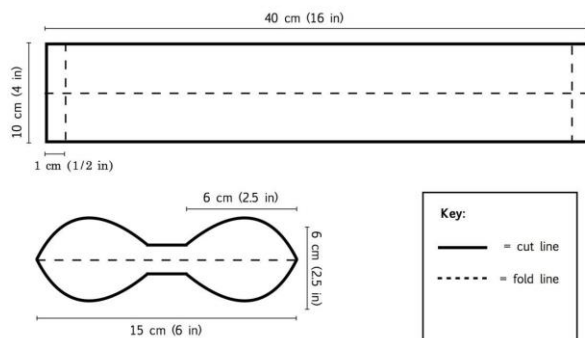


overcast stitch



slip stitch

## Pattern Pieces



## Outcome

To design and make and evaluate a fabric accessory for sale at the Extreme Earth Summer Fair

