

# Design Technology Year 5 Textiles – Pencil cases -Spring Term

Prior Learning: Children will have: learned how to use a variety of stitches including back stitch and running stitch. Using a template to create pattern pieces.

## 1. TWAL: To understand a design brief.

We have all experienced pencil cases before. But do we know how they are made? In this module we will look at the materials, fixings and embellishments used in our favourite pencil cases and use what we have found out to make a pencil case for our stationery



A design brief is a set of rules we will follow when we make our product

## 4. TWAL: To plan a final design for a pencil case.

We will use the knowledge and skills we have developed over the weeks to design our own bespoke pencil case, with a range of embellishments and applique features that will decorate it. We will draw a diagram of our design in our books, identifying the fabrics we intend to use, the embellishments we would like to add and the stitches we will incorporate.



Paper templates can be used to check all of your pattern pieces will fit together.

## 1. TWAL: the different features of pencil cases.

We will investigate, analyse and evaluate a range of existing pencil cases which have been produced by combining fabric shapes. We will answer a range of questions about the products e.g. Is the product functional or decorative? Who would use this product? What is its purpose? What design decisions have been made? Do the textiles used match the intended purpose? What components have been used to enhance the appearance? To what extent is the design innovative? What fastenings have been used and why?



## 5. TWAL: To create and embellish a pencil case.

We will use our paper patterns to pin each element on to fabric so that we can limited wastage. We will make sure when cutting out our main pieces to leave a seam allowance. We will refer back to our plan at every stage to make sure that we include all the stitches and embellishments we have chosen to include.



## 2. TWAL: To embellish materials using a range of stitches

We will build on our sewing skills of threading needles and joining textiles using a range of stitches. We will work to improving appearance and consistency of stitches making sure they are spread evenly. will introduce some new more complex stitches into our work.



Our two main new stitches are stem stitch and satin stitch.

## 6. TWAL: To evaluate our final design against the brief.

We will go back to our original design brief and consider whether our new pencil case has fulfilled our objective. Can it easily open and shut? Can it keep our pencils secure? How would we improve it next time.



Great designers will be evaluating at every stage of designing and making their product.



## 3. TWAL: To join materials using a range of fastenings.

Pencil cases have an opening that needs to be closed somehow. We will look at the different ways that things can be fastened, and learn how to attach fabric using a range of fastenings. We will practise using our sewing skills to create seams.



Fastenings are what we call items used to temporarily shut something made of material such as buttons, zips or Velcro.

## Words we will know!

