

Year 7 Textiles

Welcome!

For the next 9 weeks you will be completing an online version of a Textiles project that we create in class. Practical (making of the product) will continue in class but online work has been adapted into a theory only project. You may wish to do some of the practical tasks at home if you have the tools and equipment but you may need a parent or carer to help you to do it. All lessons are in this document so you will need to select the lesson that you are up to in your normal class.

So here is the project...

Project Context: (This is what your project is about)

Pixar has created many successful movies and created merchandise for each movie.

Design Brief: (This is what you are being asked to do)

Design and make a soft fun key ring inspired by Pixar movies to a target market of your choice.

Lesson 1: Natural Fibers

Task 1: Watch the clip below all about **COTTON** and answer the questions that follow. You may need to watch the video a few times to hear the answers.

<https://www.youtube.com/watch?v=yStM8evK6HE>

Questions:

Q1: Why is cotton good to wear in warm weather?

Q2: What are the benefits of bedding being made from cotton?

Q3: What other products are made from cotton?

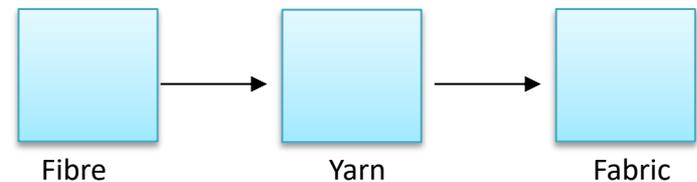
Q4: Cotton is a natural Fiber-how is it made?

Q5: What kind of climate is needed to grow cotton?

Q6: What is the first thing that is produced after the cotton is harvested?

Q7: What is the process of separating the seeds and the cotton called?

Q8: What is spinning? - Copy the diagram from the video to show the process of how a fiber turns into a fabric.



Task 2: Watch the clip below all about **WOOL** and answer the questions that follow. You may need to watch the video a few times to hear the answers.

<https://www.youtube.com/watch?v=E96bxNErse0>

Questions:

Q1: What are the benefits of wool?

Q2: How many sheep does it take to produce 1 millions tons of raw wool?

Q3: What industries use wool?

Q4: Wool is flame resistant-why?

Q5: Name some products that wool is made from

Q6: Wool is ideal for cold weather-why?

Q7: Wool can also be used in HOT climates-why?

Q8: Why is wool such a precious resource?

Lesson 2: Synthetic fibres and bonded fabrics

Task 1: Watch the clip below all about **POLYESTER** and answer the questions that follow. You may need to watch the video a few times to hear the answers.

<https://www.youtube.com/watch?v=zYkgIUysDKk>

Create a flow chart on how Plastic bottles are made into Polyester clothing. You can either write this out like a step by step, or draw diagrams to explain the steps.

Using the following website answer these questions:

Q1: What are the negatives about polyester? Write three simple answers

Q2: What are the benefits of Polyester? Write three simple answers

Q3: What type of products are made from Polyester?

<https://www.contrado.co.uk/blog/what-is-polyester-a-closer-look-into-this-love-it-or-hate-it-fabric/>

Task 2: Felt and how it's made. (Watch up to 3 min 6 seconds)

<https://www.youtube.com/watch?v=khQ-ZxDfqVg>

Write a small summary (4 to 5 sentences) on how felt is made. You can write it as step by step plan if you wish.

Lesson 4: Designer research

TASK: Create 1xA4 information page all about Pixar using the information from their website.

<https://www.pixar.com/our-story-pixar>

Answer the following questions;

Q1: Who is Pixar?

Q2: What do they do?

Q3: Who founded Pixar?

Q4: What films have they made?

Q5: Have they made anything other than films?

Q6: Who is their most famous character they've made?

Q6: How many films have they made?

Include at least three examples (pictures) of their work. Follow the link above to the website to help you.



Lesson 5: Components and Embroidery stitches

What are hand embroidery stitches?

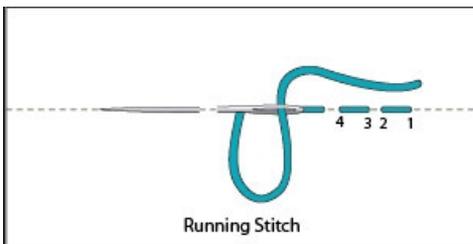
Embroidery stitches are created by hand using embroidery thread, fabric and an embroidery needle. A thick embroidery thread is used so stitches can be seen clearly which creates detail on your toy keyring. You can use multiple colours of thread to create different effects.

Task 1:

Watch this video on embroidery stitches to understand further what it is.

<https://www.youtube.com/watch?v=TTAbCTKL9I8>

Task 2: Draw the different stitches into your book from the video and write a little explanation on how you create them or source images from the internet....see example below



Running Stitch



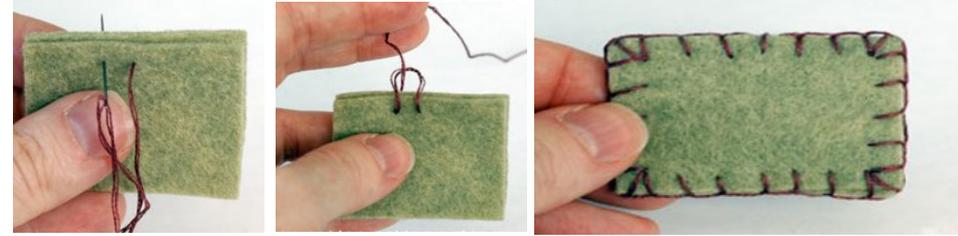
Back Stitch



Cross Stitch

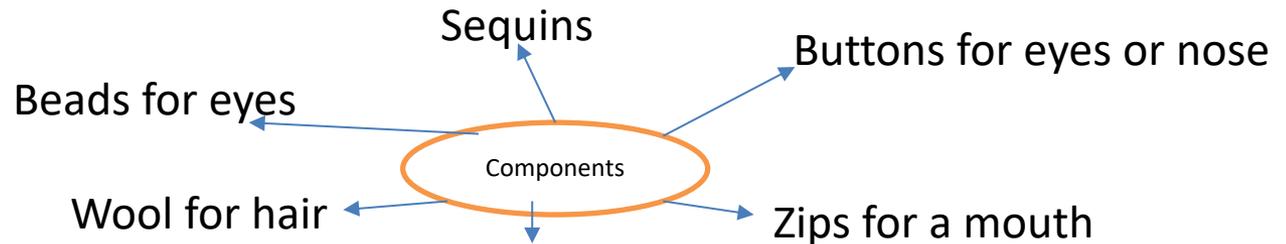


Blanket Stitch



Components

What are components? Below are some examples of components. Can you think of any more?
Task: Create a mind map and research into what kind of components you could use on your keyring.



Lesson 6: Applique

What is Applique?

Applique is where you sew one piece of fabric onto another. This can be used to create features onto your key ring such as the eyes, mouth, nose or something else. You can use multiple layers to create different effects. (see picture)

Watch this video on applique to understand further what it is.

<https://www.youtube.com/watch?v=zz2BErLkOcl&safe=true>

Task 1: (optional if you have the equipment to do this) You may need a parent to help you.

Or skip to Task 2.

You will need:

Sewing needle

Embroidery thread

Felt

Scissors

Create a small applique sample using the stitches you have learnt in class.

-Running stitch

-Back stitch

-Cross stitch

-Blanket stitch



Task 2: (Compulsory if you are unable to do task 1)

Design an applique design that you will use on your Pixar key ring.

Label your design with the type of stitches that you will use (running/back/cross/blanket). Tonally shade your ideas in colour and use contrasting colours for your stitches to make them stand out.

Lesson 7: Designing

Using your Character research mood board decide on a character you wish to create for your keyring.

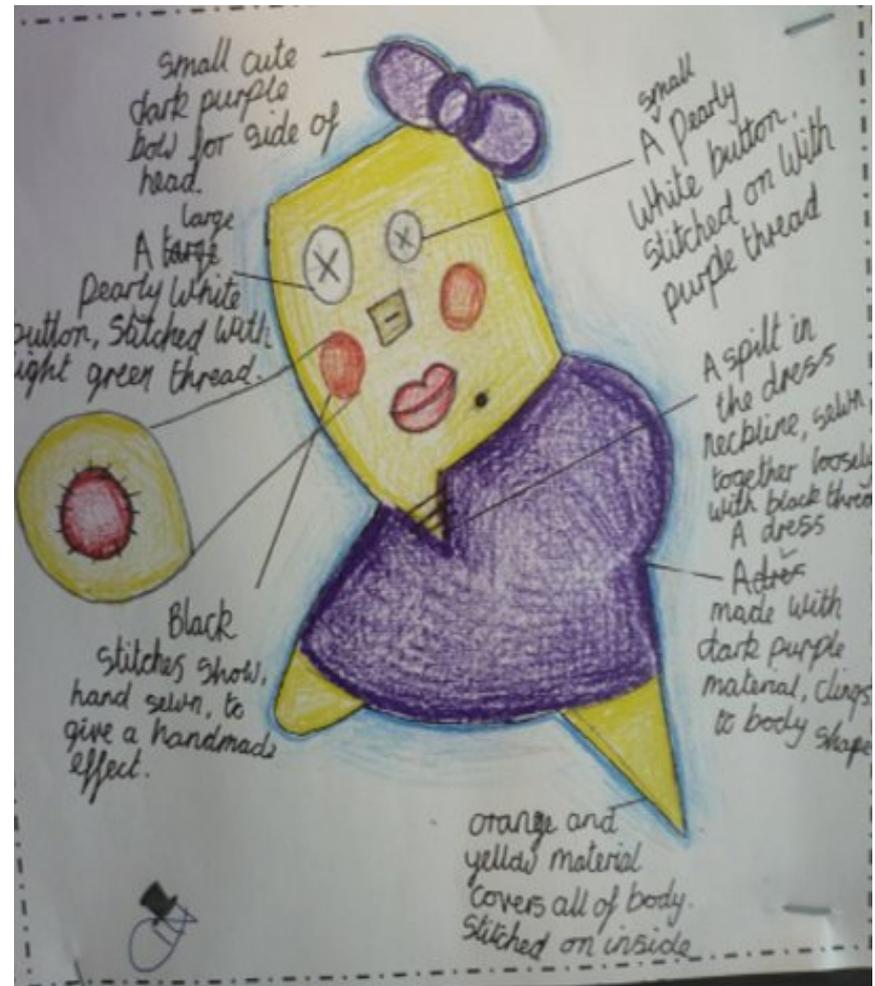
- 1: Draw the outline of your character.
- 2: Decide what you might use as Applique on your design and Draw that on (eyes/mouth/etc).
- 3: Draw on the different type of stitches that you would use to sew on the applique.
- 4: Add on any component you might use (buttons for eyes etc).
- 5: Tonal shading:

Watch this you tube clip on **HOW** to tonally shade your designs to a high standard.

<https://www.youtube.com/watch?v=EbD7xf4tHwk>

When you have watched this....give it a go on your own design.

- 6: Label your design to make it clear on your design decisions. You should be labelling the applique, the stitching and the components you might use on your designs-see picture as an example.



Lesson 8: Creating a Paper (pattern) Template:

What is a paper template?

In sewing and fashion design, a **pattern** is the template from which the parts of a garment are traced onto **fabric** before being cut out and assembled. **Patterns** are usually made of **paper**, and are sometimes made of sturdier materials like paperboard or cardboard if they need to be more robust to withstand repeated use.

STEP 1... Watch the following video on HOW paper templates are used in industry. As you will see, a paper template is laid over multiple layers of fabrics which are then cut all at the same time. A paper template ensures that the shape of the fabric is cut correctly and that there is little wastage of materials.



<https://www.youtube.com/watch?v=SQ5DOZFMz2s>

Step 2: Look carefully at your Design.

- Draw the outline of the monster, exactly the size you want it to be
- Make sure it is simple and no bigger than A5 size
- This line is called the CUTTING LINE



This is the symbol for the cutting line

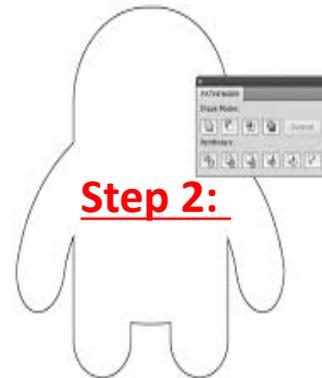
Creating the special features: STEP 3...

Draw each part separately for your applique.

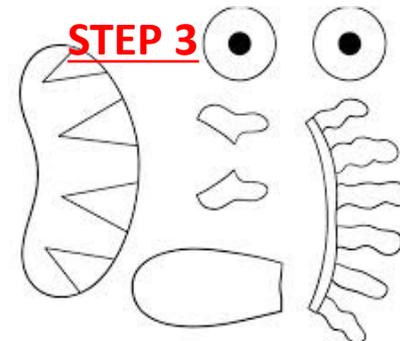
Cut out using paper Scissors.

Label each part.

You have now created a paper pattern for your design! Well done!



Step 2:



STEP 3

Lesson 9: Evaluating your designs

Answer the following questions about your work in Textiles.

Q1: What was successful about your design?

Q2: What did you find difficult about the project and how did you overcome this?

Q3: What components did you use on your design and why?

Q4: What embroidery stitches did you use?

Q5: How did you use Applique on your design?

Q6: What environmental facts did you learn about fibres?

Q7: How could your design be improved?

Q8: What will you do differently in textiles next year?