

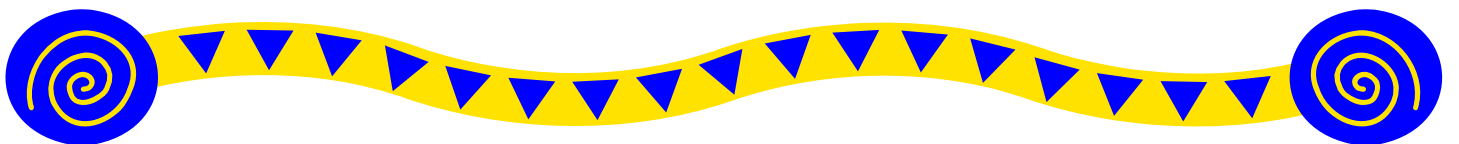
# Hats



Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

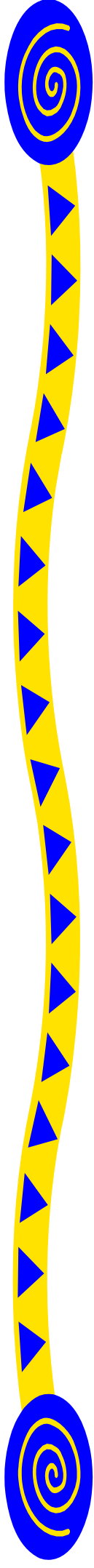


WALT: Research, design and make a hat that meets the design brief.

# Design Brief

A hat company has come to you for help. They want you to design and make a prototype for a hat suitable for 10-11 year olds on a journey. Your hat therefore needs to keep them cool in warm conditions, warm in cold conditions, hard wearing and of course fashionable! You will be designing your hat to a habitat of your choice.

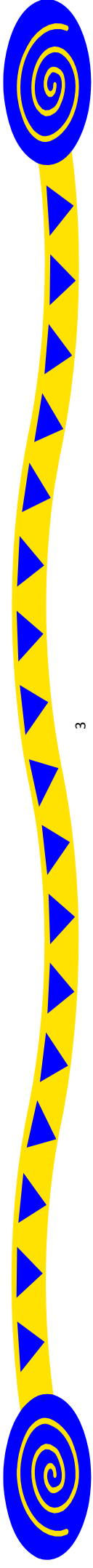


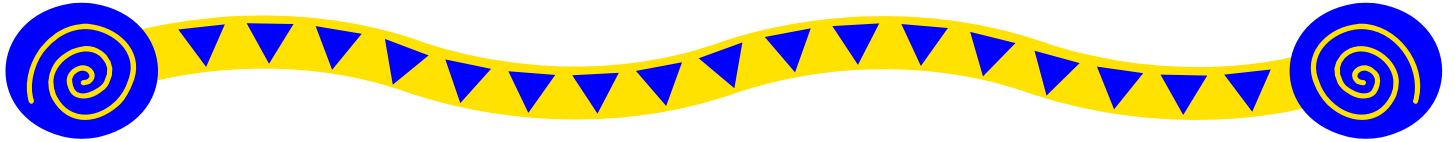


WALT: Research existing hats to see what is already on the market.

# Research

Picture of hat	Who is the intended user?	What materials were used?	Why have these been used?	Rating out of 10	What do you like about it?	What do you dislike about it?	Is it suitable for your specifications?





WALT: Decide what specifications our hat needs to meet.

# Habitat

You need to think about what the habitat is like on the journey that you are going on. *What are the weather conditions? Is it hot, cold, wet, windy, sunny? Etc.*

**What would your needs be on that journey? What would you need your hat to do? E.g.** *Does it need pockets to carry equipment? Consider the weather—does it need to shade you from the sun? Do you want to be camouflaged?*

These are known as your specifications.

Below make a list of points that your design needs to meet.

My hat must...

1. \_\_\_\_\_

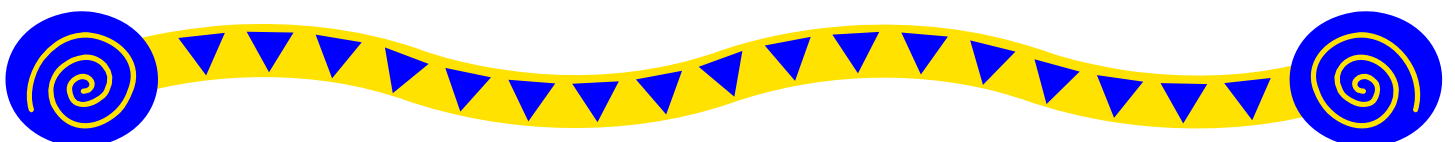
2. \_\_\_\_\_

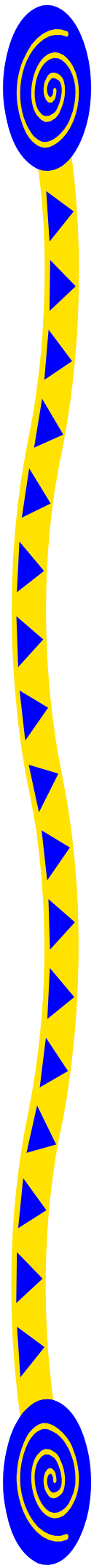
3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

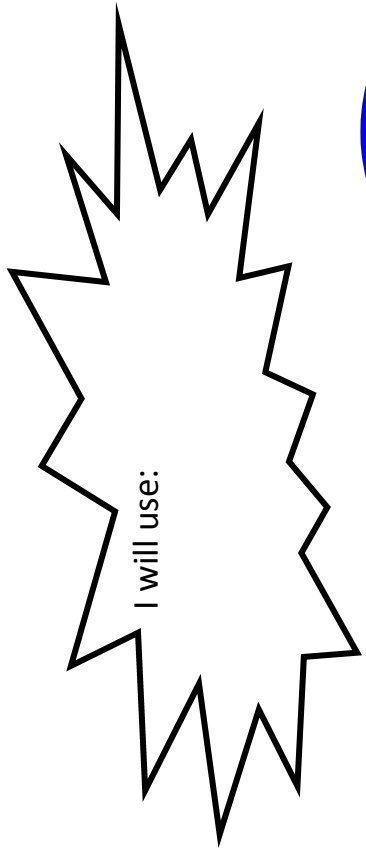




WALT: Research different types of fabric.

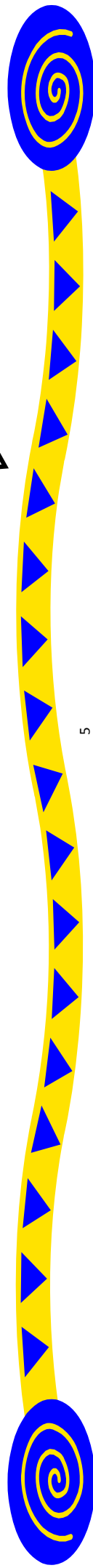
# Research

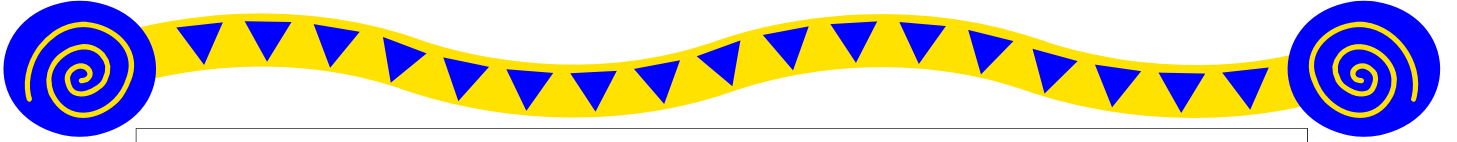
Fabric Sample	Appearance	Texture	Physical Properties. Is it flexible? Waterproof? Hard? Soft?	Would it meet your specifications?



Which fabric properties do you think you will need to make your hat successful?

- 1.
- 2.
- 3.
- 4.
- 5.

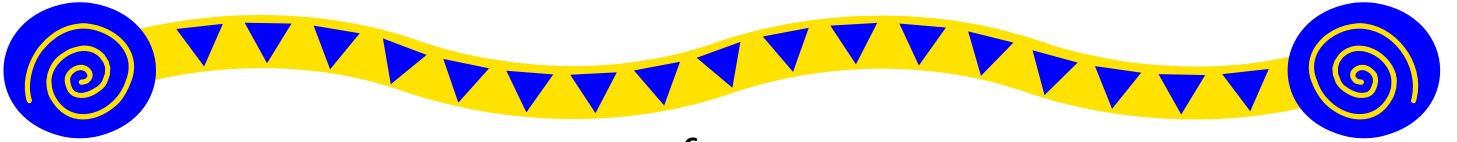


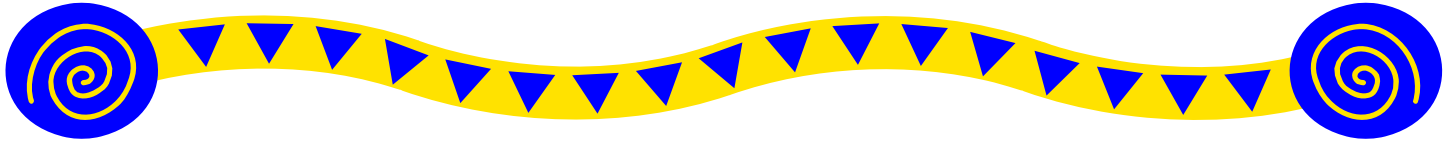


**WALT:** Sketch out possible ideas for the design of the hat taking into consideration the design brief and specifications.

# Design Ideas

Use this space below to sketch out a few ideas of what your hat could look like. The more ideas that you sketch out now, the better your final design will be.

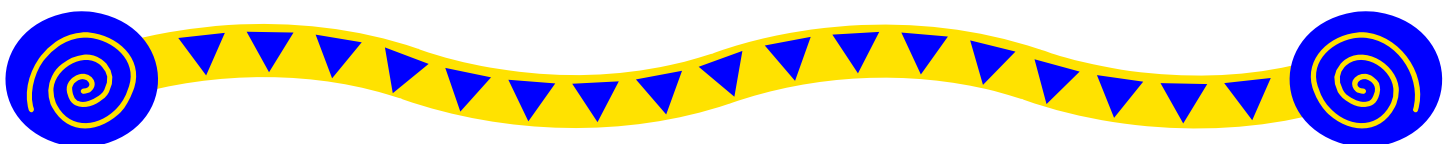


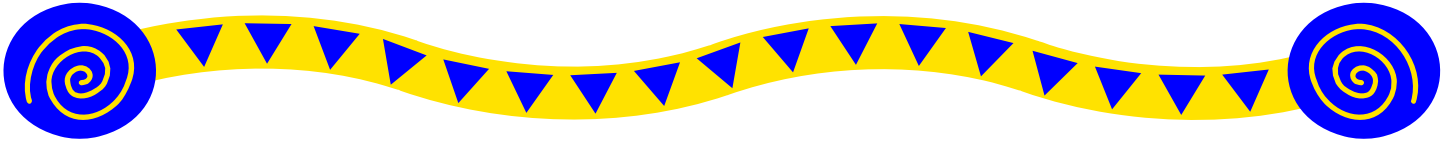


WALT: Annotate our final design that meets the design brief and specifications.

# Final Design

Chose your favourite design that meets the design brief and your specifications best. Draw and annotate your hat clearly. Don't forget to mention the fabric choice, why you have designed the different parts as you have and how it meets the design brief.





WALT: Measure our heads accurately to ensure the hat will fit.

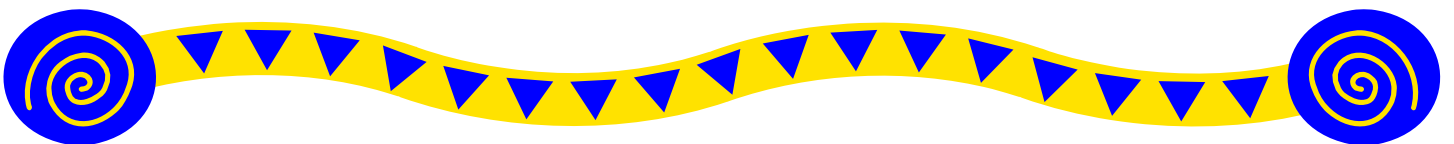
# Measurements

You now need to measure your head very carefully.

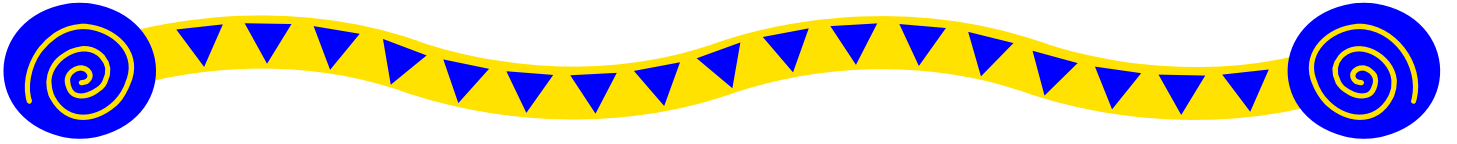
What units of measure will you use?

What parts of your head do you need to measure?

Once your measurements have been checked, you can create your pattern on scrap paper first. You can then draw it up neat on to baking paper to use as a stencil for your fabric. Don't forget to add on an extra 1cm for the seam.





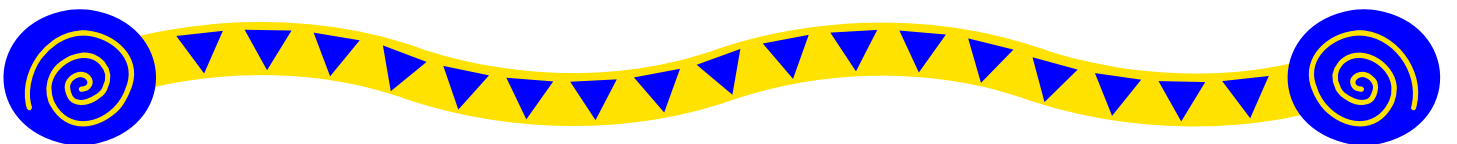


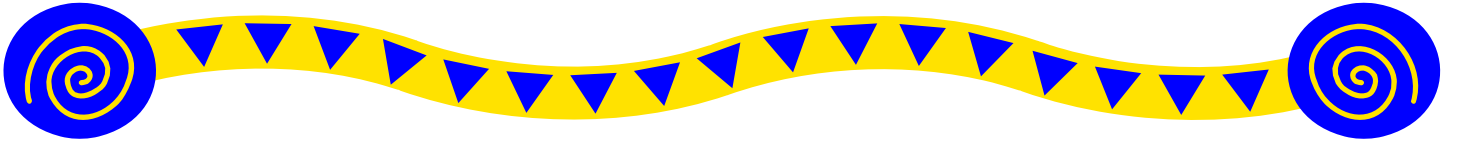
**WALT:** Investigate the different types of stitch that we could use to make our hat.

# Stitching

Try out different ways of stitching two pieces of fabric together. Decide on the one you think is the best giving a reason.

Think about running stitch, cross stitch, back stitch and zig-zag. Also think about stitch length. Stick the pieces of material here.



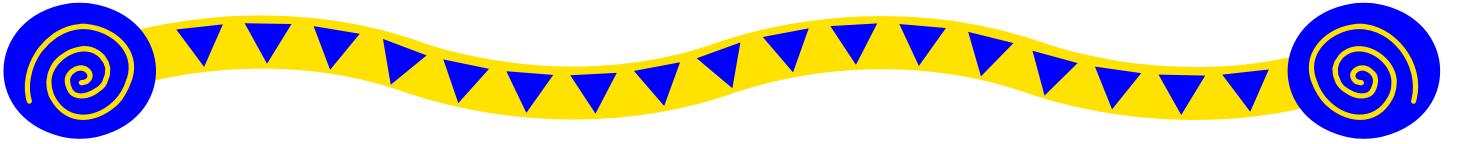


WALT: Write detailed instructions on how to make our hat.

# Plan of Action

Use this sheet to write a detailed set of instructions that will take you from start to finish with making your hat.





WALT: Make a hat by sewing pieces of material together.

# Photographs

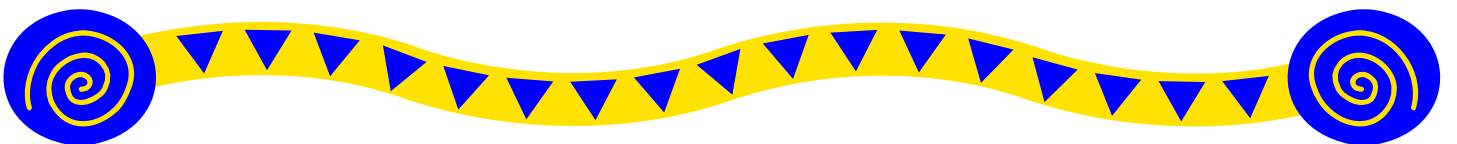
Here are pictures of me making my hat:

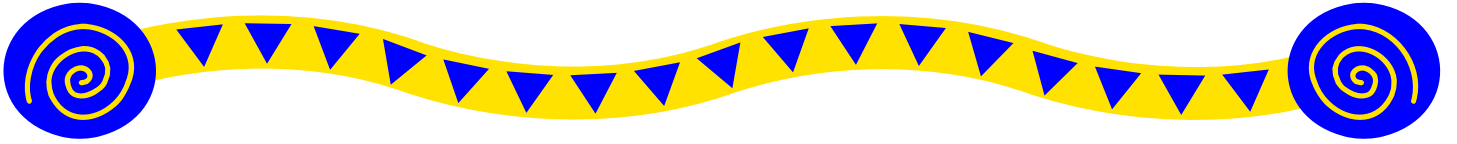
Pattern Making:

Cutting out the fabric:

Sewing:

Wearing the hat:



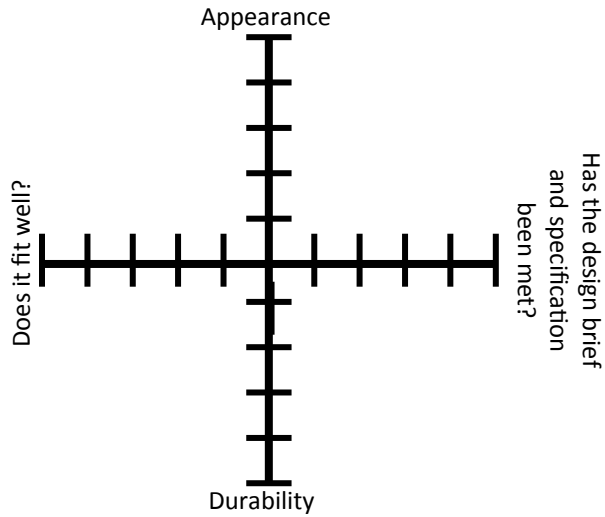


WALT: Evaluate our hat using a star diagram.

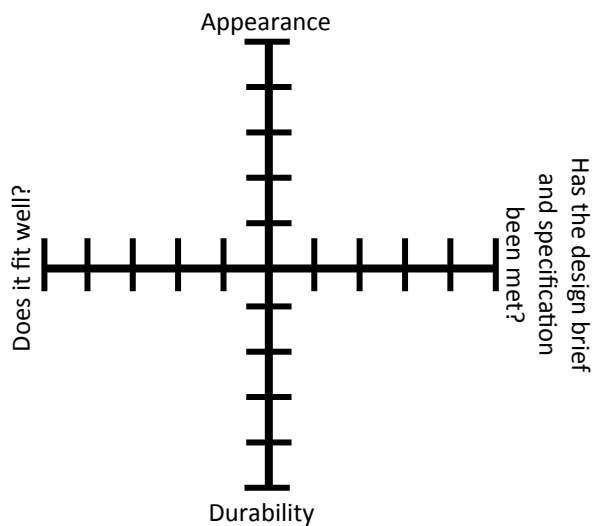
# Evaluation

After looking back at my design brief and specifications...

This is how I would evaluate my hat:



This is how my friend would evaluate my hat:



To improve my hat next time I would

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