

# Design and Technology (sewing) Knowledge organiser

## Essential vocabulary

<b>Needle</b>	A thin metal object in which thread or cotton is used with to sew.
<b>Eye</b>	Part of the needle where there is an opening for the cotton/ thread.
<b>Cotton/ thread</b>	A thin material used to sew.
<b>Stitch</b>	A single turn or loop made by a needle and thread.
<b>Applique</b>	Decorative needlework to create a design or picture on fabric.
<b>Fastening</b>	Ways of joining or closing, for example buttons, poppers, hook-and-eye.
<b>Material</b>	Cloth or fabric.
<b>Seam</b>	The line where two pieces of fabric are joined together with stitching.
<b>Tape measure</b>	A length of thin flexible material for measuring.
<b>Aesthetics</b>	An aesthetic object or a work of art is one that shows great beauty.
<b>Durable</b>	Able to withstand wear, pressure, or damage; hard-wearing.
<b>Functiona l</b>	Designed to be practical and useful, rather than attractive.

## Designing

Think about the following things:

- The shape of the mascot (keep it simple).
- The colour scheme of your mascot (match it to your buggy).
- The materials which you are going to use.
- Make sure your design is aesthetically pleasing.

## What is a mascot?

A person or thing that is supposed to bring good luck, especially one linked to a particular organization or event.



## Pattern pieces



These are the pieces/templates that you lay on your fabric to cut around and sew together to create a garment.

## Types of stitches



### Running stitch.

This can also be used if you need to gather material.

### Overstitch/ overcast stitch.

This stitch is used when you need to sew two pieces of fabric together.



### Blanket stitch.

This is a pretty stitch that can be used to sew two pieces of fabric together.

## Equipment



Needles



Thread



Fabric scissors



Pins