

What should I already know?

- The importance of examining existing products.
- Thinking about who the product will be suitable for.
- The importance of following a design criteria and generating ideas that meet that.
- Explaining what I am making, how I will do it and the required materials and tools that I will need.
- I can use a running stitch to sew two pieces of fabric together where the holes have been pre-punched.

What new skills and knowledge will I acquire?

I will:

- Be able to describe in greater detail how I am going to make my key ring, thinking about the materials I need and the tools I will need to use.
- Begin to learn how to thread a needle and to tie a knot.
- Be able to use an over stitch to attach my two pieces of felt together.
- Be able to appreciate how tight I need to pull the thread and how close my stitches need to be so that my stuffing stays inside my mini beast key ring.
- Be able to cut the felt to add circles for spots, lines for stripes or wings.
- Be able to talk about what I would do differently if I were to do it again and why.

Design and Technology Knowledge Organiser

Topic: Making a soft mini beast keyring

Strand: Textiles



What will I be able to do by the end of the unit?

Design

Look at a range of existing **products** and express my opinions.



Choose the best tools and materials for my product.

Create a design following **design criteria** and describe it using pictures, words and diagrams.



Make

Use an **overstitch** to **attach** my soft felt together to make the body of my mini beast.

Stuff the mini beast body with **stuffing** to give it its shape and make it extra soft.

Carefully use the needle and **thread** to **sew** the fabric together making sure not to pull the thread too tight.

Attach extra details to create my chosen mini beast.



Evaluate

Evaluate my work against my **design criteria**.

Evaluate my **product** identifying strengths and possible changes I might make.

Vocabulary

add	Using extra pieces of felt to make the product look like a mini beast.
attach	A way of fixing the extra felt to the main body of the mini beast.
cut	Using a tool with two sharp blades to make clean breaks in materials to achieve a desired shape.
overstitch	A stitch where the needle and thread go over the edges of the material, from front to back, in order to keep them closed.
sew	A way to keep material together when something is between them
stuff	What you need to do to a product to make it look full or more 3d
thread	Carefully putting a piece of thin material through the eye of a needle

Existing products

We will **explore** existing key rings to find out how they are made and what they look like and who they may appeal to.

We will explore existing keyrings to learn how they are sewn together and how the details are added.

