

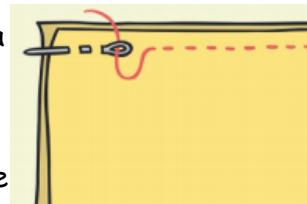
DT - Textiles - Must Knows - Key Stage 1

New Vocabulary

fabric (sometimes also called material or cloth)	textiles
sew	sewing
needle	thread (sometimes called 'cotton')
stitch	running stitch

Technical Skills

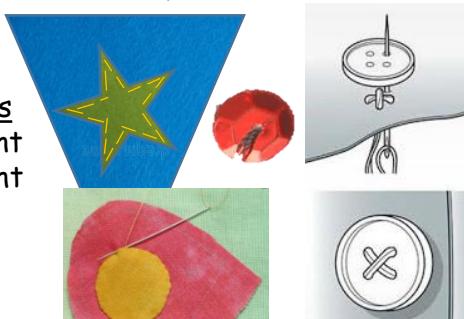
- Learn how to sew using a running stitch
- Begin to use it in a variety of ways - to join fabric together, to make a pattern or design, to applique



running stitch



- Use a paper template (or pattern piece) to cut out.
- Position it so we don't waste fabric.
- Cut out carefully with an adult.



Decorating textiles

There are different techniques we might use to decorate:

- Sew fabric onto other fabric (applique)
- Attach or glue on sequins, buttons or other decorations



Fabric printing using block print technique

- Make print design on polystyrene block by carving it in
- Roll fabric paint evenly across
- Blot excess off and then print on textile. Repeat in different patterns

Equipment



fabric scissors



needle and thread



felt

Famous Designers

Cath Kidston - British, contemporary, textiles designer
Known for using repeating floral patterns



Keeping Safe

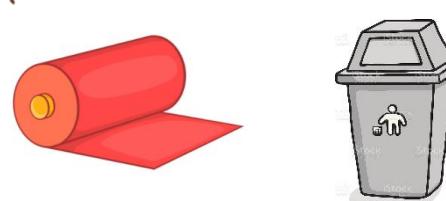


Tidy up Time

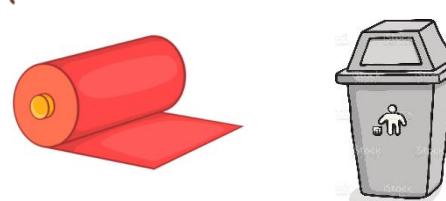
Thread out of needle.



Needles away- Given to an adult.



Scrap fabric put away.



Rubbish in the bin.

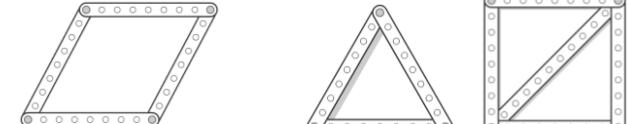
DT - Structures - Must Knows - Key Stage 1

Top Vocabulary

Gluing	stable
Materials	Structure
Strengthen	product

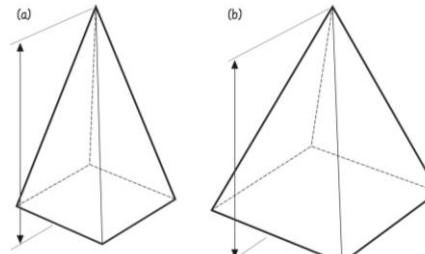
Technical Knowledge

Some shapes and structures are stronger than others



This is easy to push over

Strong or reinforced shapes can't be pushed over



3D shapes are stronger and more stable with a wider base. Pyramid b here will be more stable.



Junior hacksaw



Equipment



Hammer and nails



Glue



Sand paper

Bench hook

Famous Designers

Zaha Hadid- contemporary

Dame Zaha Mohammad Hadid DBE RA was a British Iraqi architect, artist and designer, recognised as a major figure in architecture of the late 20th and early 21st centuries.



Tidy up time!



Name on work.
Equipment away.
Desks tidy and clear.
Floor tidy and clear.

Technical Skills -

- Cut materials safely using provided tools.
- Demonstrate a range of joining techniques such as gluing.
- Measure and mark out to the nearest centimetre.
- Demonstrate a range of cutting techniques.
- Use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.



DT - Mechanisms and Mechanical Systems- Must Knows - Lower KSI



Top Vocabulary

Product	mechanism
lever	Pop up
slider	Split pin

Keep your work area clear.



Listen carefully to all instructions.



Sit down in your seat when using scissors.



Walk around the classroom.



Tidy up time!



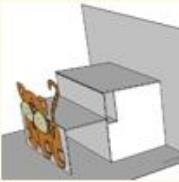
Name on work.
Equipment away.
Desks tidy and clear.
Floor tidy and clear.

Technical Knowledge

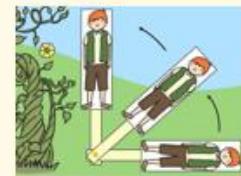
- Slider



- Pop up



- Lever



- Wheel



Equipment



Scissors



Lolly sticks



Glue



Card

Famous Designers

Amelia Earhart- from history

Amelia Mary Earhart was an American aviation pioneer and author. Earhart was the first female aviator to fly solo across the Atlantic Ocean.



Technical Skills -

Create products using sliders and levers (split pins) mechanisms

DT - Mechanisms and Mechanical Systems- Must Knows - Upper KSI



Top Vocabulary		
wheel	axel	chassis

Previously Learnt Vocabulary	
Product	mechanism
lever	Pop up
slider	Split pin

Keep your work area clear.



Keeping Safe



Keep your other hand out of the way.

Walk around the classroom.



Long hair tied back



Listen carefully to all instructions.



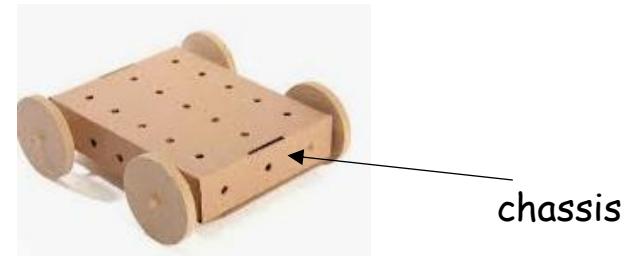
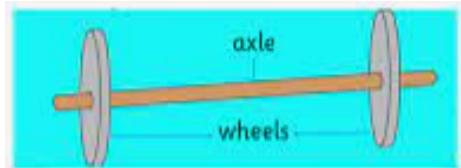
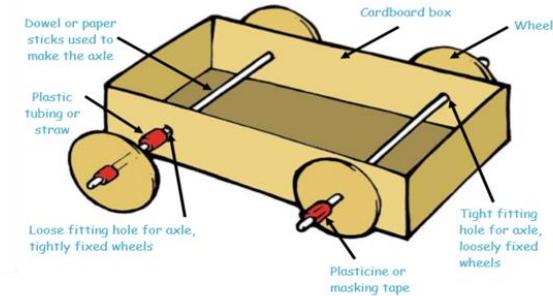
Sit down in your seat when using scissors.

You should already know....



Technical Knowledge

Example of two different ways to fix wheels



chassis

Technical Skills -

Create products using wheels and axle mechanisms.

Use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.

Equipment



Scissors



Bench hook



Junior hacksaw



K'nex

Famous Designers

Sir Alexander Issigonis- contemporary

Sir Alexander Arnold Constantine Issigonis CBE FRS RDI was a British-Greek automotive designer. He designed the Mini, launched by the British Motor Corporation in 1959, and voted the second most influential car of the 20th century in 1999.

