



DT Knowledge Organiser—Year 1/2 (Autumn Term)

Cycle B

Key enquiry Question: *What are levers and pivots and where are they used?
Investigate, design and make a moving monster*

What children must know and remember:

Key Vocabulary:

- Width
- Length
- Thickness
- Pivot
- Linkages
- Mechanism
- Input
- Output
- Linkage

Key Knowledge:

- To know some real-life objects that contain mechanisms
- To know that mechanisms are a collection of moving parts that work together as a machine to produce movement
- To know that there is always an input and output in a mechanism
- To know that an input is the energy that is used to start something working
- To know that an output is the movement that happens as a result of the input
- To know that a lever is something that turns on a pivot
- To know that a linkage mechanism is made up of a series of levers





DT Knowledge Organiser—Year 1/2 (Spring Term)

Cycle B

Key enquiry Question: *What are the different types of puppets and how do they move?*

Investigate, design and make a puppet

What children must know and remember:

Key Vocabulary:

- Fabric
- Pinning
- Stapling
- Gluing
- Sequence
- Thread
- Running stitch
- Decorate
- Quality

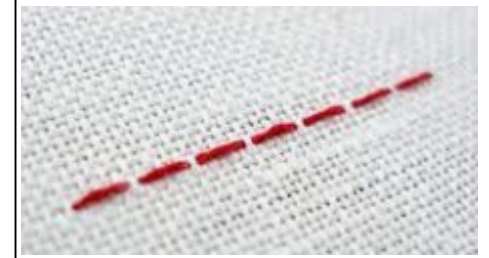
Key Knowledge:

- To know that 'joining technique' means connecting two pieces of material together.
- To know that there are various temporary methods of joining fabric by using staples, glue or pins.
- To know that different techniques for joining materials can be used for different purposes.
- To know that a template (or fabric pattern) is used to cut out the same shape multiple times.
- To know that drawing a design idea is useful to see how an idea will look.

Template



Running stitch





DT Knowledge Organiser—Year 1/2 (Summer Term)

Cycle B

Key enquiry Question: *How can I be healthy?*

Investigate, design and make a healthy sandwich

What children must know and remember:

Key Vocabulary:

- Balanced diet
- Nutritional information
- Food groups
- Slice – Bridge/claw grip
- Design brief
- Construct
- Label

Key Knowledge:

- To know that 'diet' means the food and drink that a person or animal usually eats
- To know what makes a balanced diet
- To know where to find the nutritional information on packaging
- To know that the five main food groups are: Carbohydrates, fruits and vegetables, protein, dairy and foods high in fat and sugar
- To know that I should eat a range of different foods from each food group, and roughly how much of each food group
- To know that 'ingredients' means the items in a mixture or recipe
- To know that many food and drinks we do not expect to contain sugar do; we call these 'hidden sugars'.

Bridge grip



Claw grip

