

Design and Technology – Year 1

Autumn 2

Mechanisms

Sliders and Leavers

- Mechanisms – An item that creates movement.
- A slider moves backwards and forwards through a slit.
- A slider can move from side to side or up and down.
- A lever is fixed at one point and moves from side to side in an arch.
- By attaching a picture to the end of the slider or lever you can make the picture move.

Spring 2

Structures

Freestanding structures

- A frame is a structure that surrounds something such as a picture, door, or windowpane.
- Straws can be joined to make a frame.
- Straws can be joined by using pipe cleaners.
- The frame can be made stronger by gluing triangles in the corners of the straws.

Summer 2

Food

Preparing fruit and vegetables

- Fruit and vegetables can be eaten without cooking them.
- Some fruit and vegetables need to be peeled before we eat them – peeling is when the outside layer (skin) is removed.
- Some fruits have hard stones in the centre – these can't be eaten.
- Some fruits have small seeds or pips – these can be eaten but we don't usually eat them.