

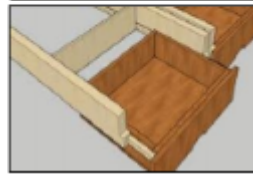
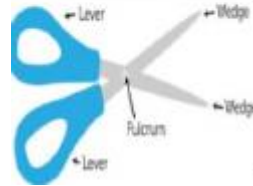


Year 1 – Christmas Cards
Mechanics

Health and Safety
All children need to be supervised closely when using scissors

Key vocabulary and key information	
Mechanisms	Are the parts that make something work. Mechanisms are all around us! Most objects that help in our lives are made up of different mechanisms.
Slides	Help to move things from side to side and up and down.
levers	The use a fulcrum (a fixed point around which the lever can <u>pivot</u>) to make things move in <u>arc</u> (curve).
Evaluation	How well does it work? Does it meet its purpose? Who will use it? What else could you do to improve?
card	A thick piece of paper to support mechanisms to make a pop up and moving card.
Christmas card	A piece of paper with a Christmas message on the front and inside.

Example mechanisms



Levers:

A seesaw is one example of a lever mechanism. Seesaws are narrow boards supported by a fulcrum in the middlepoint between two ends. As one end goes up the other comes down!

Scissors are another example of a lever mechanism. Scissors have two levers fixed. The hands are squeezed at one end of the levers, the blades come together at the other end.

Sliders:

Some children's books contain slider mechanisms. As the slider is pushed or pulled, characters or objects move up and down or side to side. Drawers also work in a similar way. As you push and pull the handle, drawers slide along a slider track in the cabinet.



Effective sliders and levers should move smoothly. You need to consider where you will place the slot, and how long it will be.