

D.T.

The Great Fire of London

KS1 – Autumn 2 2024

Things I already know

*I can identify examples of sliders and lever mechanisms in my environment.
I can describe the impact a mechanism has on a moving picture.*

Key Facts

I can identify and name a lever mechanism.

I can identify and name a slider mechanism.

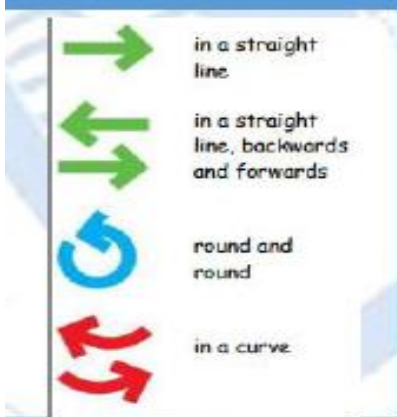
I can name and select the tools needed to join different materials.

I can say how closely my finished product meets the design criteria.

Key Vocabulary

Technical vocabulary	
Mechanism	A system of parts working together
Slider	A knob or lever that is moved horizontally or vertically to control a variable.
Lever	A rigid bar resting on a pivot, used to move a heavy or firmly fixed load with one end when pressure is applied.
Pivot	The central point/pin on which a mechanism turns.
Direction	A course along which someone or something moves.
Annotated sketch	Detailed drawing contains all information needed to make a product but is updated as changes are made.
Split pin	A metal pin with two arm passed through a hole and held in place by springing the arms apart.
Fastenings	A device that closes or secures something

Simple mechanisms move:



FRUITS

Faith – Explore links to the Christmas story and RE unit.

Relationships – Discussions around the end recipients and how we can make family and friends feel loved during the Christmas period. Reminders about how we can form positive relationships and display caring and thoughtfulness when sharing resources.

Treat Others with Respect - Peer evaluation during the Design and Evaluate stages of the process to give constructive feedback in a positive and respectful manner.

QUESTIONS I CAN ANSWER

What is a mechanism?

What is a lever mechanism?

What is a slider mechanism?

What is a pivot?

