St White's Primary School – DT

Years 1 and 2 | Topic: Mechanisms – Sliders and Levers

What should I already know?

- I can identify examples of sliders and lever mechanisms in my environment.
- I can explain how the slider / lever moves
- I can describe the impact a mechanism has on a moving picture.

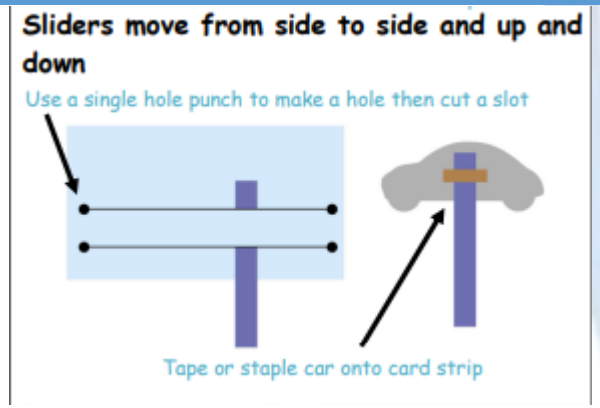
DT

D&T stands for Design and Technology. It focuses on planning, designing and creating things (called products) that people can use.

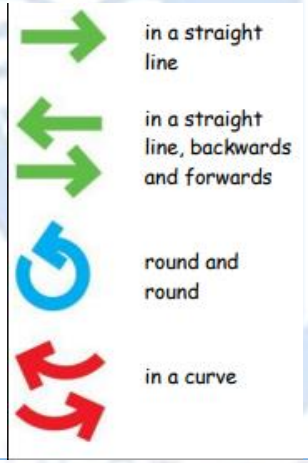
Technical vocabulary

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

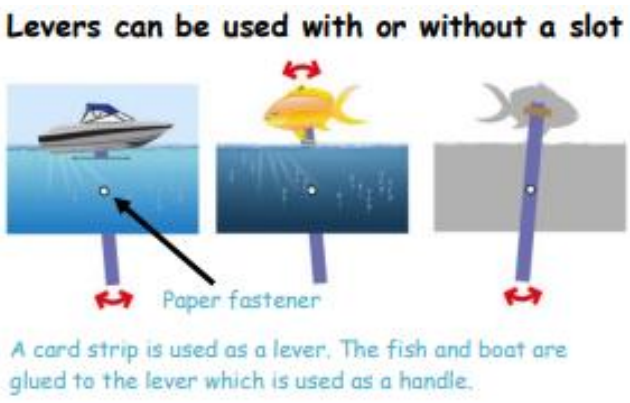
Sliders



Simple mechanisms move:



Levers



Annotated sketch