
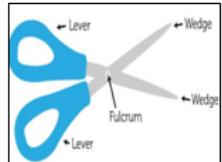






Design & Technology Knowledge Organiser	Name of Unit Mechanisms – Levers and Sliders		Year Group 1
Key Vocabulary Slider - help to move things from side to side and up and down. Lever - They use a fulcrum (a fixed point around which the lever can pivot) to make things move in arc (curve). Pivot - A thing on which something turns Slot - A cut through card in which something can go. Mechanisms - the parts that make something work. Bridge/ guide – something that stops the lever or slider going too far or coming off.	Key Knowledge (including facts)		
	 	Lever Seesaw Scissors	-A seesaw is one example of a lever mechanism. Seesaws are a narrow board supported by a fulcrum in the middle point between the two ends. As one end goes up, the other comes down! -Scissors are another example of a lever mechanism. Scissors have two levers fixed – handles are squeezed at one end of the levers, the blades come together at the other end.
	   	Sliders Children's Books Drawers	-Some children's books contain slider mechanisms. As the slider is pushed/ pulled, characters/objects move up and down or side to side in the book. -Drawers also work on a slider mechanism. As you pull/push the handle, drawers slide along a slider track inside the cabinet.
What we will learn <ul style="list-style-type: none">• Know about simple mechanisms such as sliders and levers and how they can be used to create movement• Know how to measure, mark out, cut and shape materials and components with support• Know how to select from a limited range of provided tools and equipment with support• Know that scissors are used to cut and that a split pin can be used• Know how to use finishing techniques, including those from art and design with support• Know how their products could be improved and talk about this with a friend	Extra things you might do Find levers and sliders in your home.		