Design and Technology	Year 1	Mechanism	ns - Levers and Sliders
Prior Learning	Sliders and Levers in the real world	Mechanisms-Levers KS1 - Simple lever	Key Vocabulary
Early experiences of manipulating different media such as card and paper to join, construct fasten and glue. Experience of simple tools and techniques including glue, sellotape, paper fasteners, paper clips. (EYFS-Development Matters)			Push: applying a force to move something away. Pull: applying a force to move something closer. slider: a knob or lever that is moved
•Understands that different media can be combined to create new effects. •Manipulates materials to achieve a planned effect. •Constructs with a purpose in mind, using a		Paper fastener pivot Levers can be used with or without a slot	horizontally or vertically to control an object, such as the volume of a radio. lever: a rigid bar resting on a pivot, used to move a heavy or firmly fixed load with
variety of resources. •Uses simple tools and techniques competently and appropriately. •Selects appropriate resources and adapts work where necessary. •Selects tools and techniques needed to shape, assemble and join materials they are using.		Paper fastener	one end when pressure is applied to the other. fulcrum: the point against which a lever is placed to get a purchase, or on which it turns or is supported. pivot: the central point, pin, or shaft on
		A card strip is used as a lever. The fish and boat are glued to the lever which is used as a handle.	which a mechanism turns or oscillates. <b>slot</b> : a long, narrow slit for something to be inserted e.g. a lever
Intended Outcomes 1. To identify simple sliders	Simple mechanisms move:	Mechanisms-Sliders Sliders move from side to side and up and	Helpful Videos and Tips
<ol> <li>To identify simple siders and levers in the world.</li> <li>To explain that sliders and levers are mechanisms that provide movement.</li> <li>To know and use technical vocabulary relating to sliders and levers.</li> </ol>	in a straight line	down Use a single hole punch to make a hole then cut a slot	https://www.youtube.com/watch?v=n7dUtwejenQ
	in a straight line, backwards and forwards		https://www.youtube.com/watch?v=E8RA9Kw_laE
4. To create simple levers and slides to demonstrate how they work.	round and round	Tape or staple car onto card strip	
5. To evaluate how effective a slider or lever is and explain why it is good and or how it can be better.	in a curve	Sticky fixers on back of card strip allow movement	
		Masking tape.	CALCOT