Year 1: Mechanisms Knowledge Mat

Subject	Specific Vocabulary	Slider mechanism	Important knowledge
mechanism	The parts that make something move.	Sliders move from side to side and up and down Use a single hole punch to make a hole then cut a slot	about mechanisms
lever	A stiff bar which moves around a pivot.	Tape or staple car onto card strip	 I know what a mechanism is. know how a slider mechanism moves. I know how a lever mechanism
slider	A stiff bar which moves backwards and forwards along a straight line.	• • • • • • • • • • • • • • • • • • •	moves. □ I can use my knowledge to design a moving picture using a
pivot	A fixed point that the lever moves around.	Sticky fixers on back of card A card strip could be used instead of cutting slots to allow movement	slider or lever mechanism. I know what finishing techniques I will use to make my moving picture bright and
slot	The hole through which a lever or slider goes.	Masking tape Rabbit moves up and down	eye catching for the user.
product	An object that is made for people to buy.	Lever mechanism	☐ I know and select the right tools to make my slider or lever mechanism.
user	The person that the product is made for.	Levers can be used with or without a slot	☐ I know how well my moving picture meets the design criteria.
purpose	The reason the product is created.	The same of the sa	☐ I can make amendments to my moving picture based on my evaluation.
choose	To pick or decide on something.	Paper fastener A card strip is used as a lever. The fish and boat are glued to the lever which is used as a handle.	
construct	To build or make something.	giova io inc io io i interior odou us u mandre.	