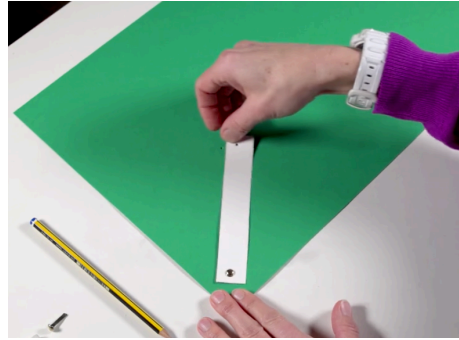


Slider



Fixed pivot lever



UKS2 – Making a pop-up book



Key Vocabulary	
Aesthetic	How an object or product looks.
Caption	A short piece of writing under a picture that describes or explains that picture.
Function	How an object or product operates or works.
Input	The motion used to start a mechanism.
Output	The motion that happens as a result of starting the input.
Mechanism	A system of parts working together.
Motion	The movement an object makes when controlled by an input or output.
Design brief	A description of what you are going to design and how it will work.
Design criteria	To help designers focus their ideas and test the success of them.
Linkage	A set of bars linked together to form a mechanism.

What I need to know:

- A structure is something that stands on its own.
- A mechanism is a system of parts moving together.
- Pop-up structures can be made in many ways.
- Each pop-up book can include many different mechanisms that add detail to a design.
- Input is the motion used to start a mechanism.
- Output is the motion that happens as a result of starting the input.
- Sliders are used to make a linear movement. (Up and down or side to side.)
- Fixed and loose pivot levers make directional movement.
- Spacers are small pieces of raised card that secure a slider.
- Layers are used in pop-up books to hide how a mechanism has been created and to ensure accurate movement.