

Year 1- Design and Technology-Levers and sliders- Moving Christmas Cards

Prior Learning:

In Reception you have learnt to:
Safely use and explore of
materials, tools and techniques.

Key vocabulary

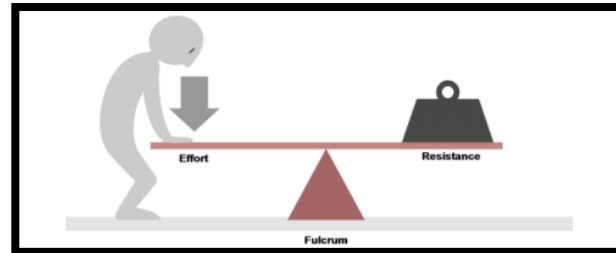
Lever	A solid bar resting on a pivot, used to move a heavy load with one end.
Slider	A knob that is moved left-and-right or up-and-down to control something, such as the volume on a radio.
Pivot	The central point that a lever rests on.
Push	Applying a force to move something away.
Pull	Applying a force to move something closer.

Can you answer?

Identify a slider and lever?

Think of a real life slider/lever.

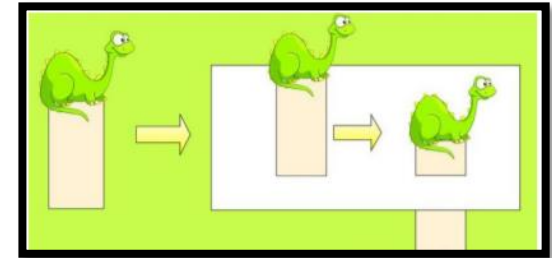
Lever



Real world example of lever



Slider



Real world example of sliders



What is a design?

A design is when you plan what something will look like and what it will be made out of before you start making it.

The design will usually be based on the design criteria (what does your model needs to do?).

What is evaluating?

Once you have finished making your product, you must discuss how well it works in relation to the purpose and design criteria.

Example of finished Lever card

(Christmas tree side to side drawing pin pivot)



Example of finished slider card

(Christmas presents going down the chimney)

