



Year 2 Autumn Term

Mechanisms

Key Knowledge and skills

Use a story to inspire the design

• say whether their products are for themselves or other users

say how their products will work

- use knowledge of existing products to help come up with ideas
- develop and communicate ideas by talking and drawing

Make-

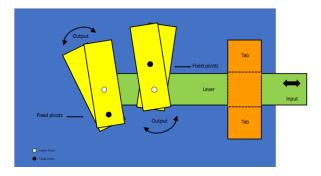
- plan by suggesting what to do next •
- select from a range of materials and components according to their characteristics
- follow procedures for safety
- measure, mark out, cut and shape materials and components •
- assemble, join and combine materials and components •

Evaluate-

- who products are for
- what products are for
- how products work

Key Technical Knowledge

Know about the movement of simple mechanisms such as levers, sliders, wheels and axles



What I already know?

- I have constructed a wheel and axel to create a moving product
- I have designed and evaluated the effectiveness of my product.

Vocabulary	
Pivot	The central point, where a mechanism turns
Fulcrum	The name for the fixed pivot points
Slider	Something that slides to make movement
Lever	The stiff bar that moves based on a fixed pivot point.
Mechanism	Something that creates movement
Linkage	A mechanism involving two or more levers

