

Levers



Mechanisms

Year 2 Autumn Term

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

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

Key Technical Knowledge

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

