Deepdale Community Primary School - DT Knowledge Organiser

Topic: Mechanical Systems — Levers

Summer 2 Year 3

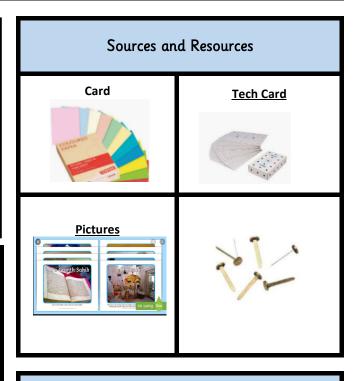
Vocabulary you will know	
Lever	A rigid bar on a pivot used to move an object when a force is applied.
Linkages	To move something in the opposite direction
Loose pivot,	A fastener that joins things together
Fixed pivot	A fastener that joins things to a fixed point
split pin,	A metal pin with 2 arms passed through a hole and held in place by springing apart the arms.
Purpose	What/Who is the product for
Product	The object that is made that is made
Vocabulary you will hear 🦻	

slider, direction, movement, forward, backwards, sequence, length, link, measurements, user, slot, mechanic, guide, linear, rotary, oscillating,



Key Learning

- I know what a lever is
- I know what a linkage is
- I can describe a loose pivot
- I can describe a fixed pivot
- I use mechanical systems, such as gears, pulleys, levers and linkages.
- I can choose sensible techniques to construct products
- I can evaluate my product using the new vocabulary I have learnt.



Important People or Places

Archimedes - founder of the lever

