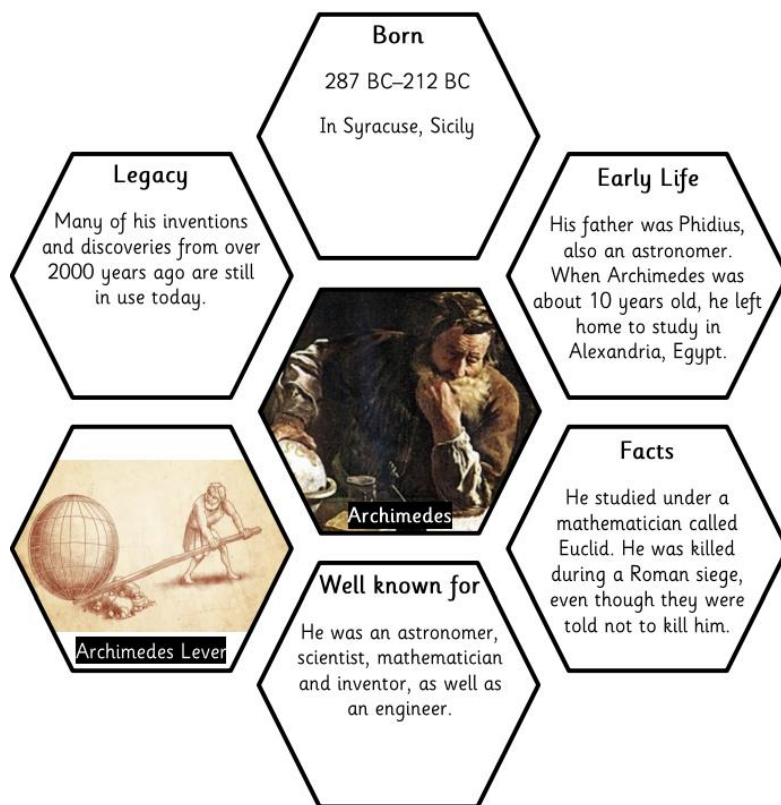


Year 3

Summer 2

Mechanisms



Year 3: Mechanisms
How can you do a lot of work with little effort?



Core content:

Investigate various linkages and levers.
Design and make a linkages and levers product.
Select and use a variety of modelling materials.

Technical vocabulary:

Lever – a rigid body that has a fulcrum along its length.



Load – the weight of an object or objects being moved.



Effort – the force applied to make something move.



Fulcrum – the point where a lever pivots.



Linkage – a series of connected levers and pivots.



Mechanism – a system of parts working together in a machine.



Force – pushes or pulls, measured in Newtons.



Connections:

Archimedes
(287BC – 212BC)

