

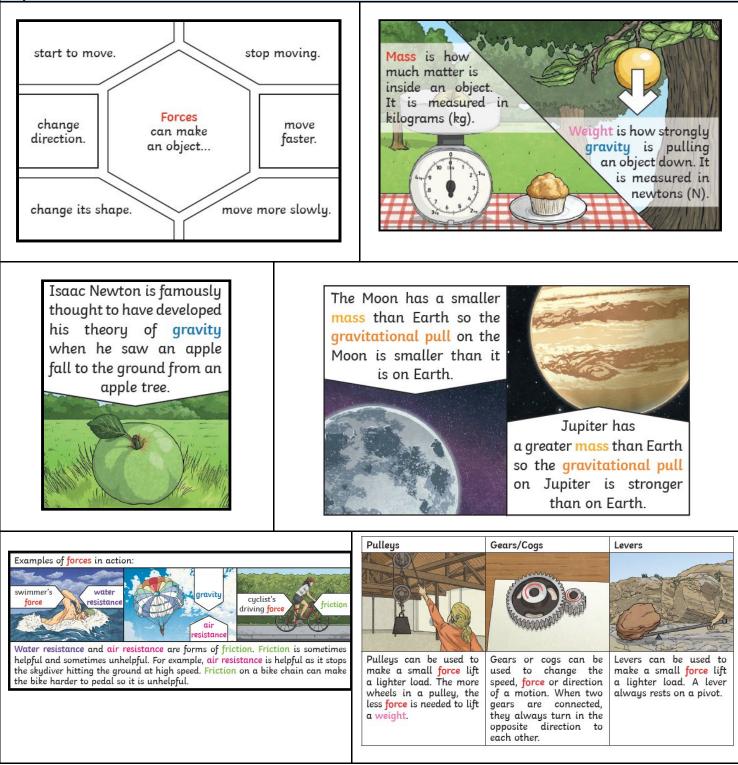
Knowledge Organiser

Year 5 AUTUMN 1

SCIENCE: Forces Project Summary

This project helps children to understand more about forces and their effect.

Key Ideas



Key Vocabulary	
forces	Pushes or pulls.
mass	A measure of how much matter an object is made up of.
gravity	A pulling force exerted by an object that has mass e.g. the Earth.
weight	The measure of the force of gravity on an object.
Friction	A force that acts between two surfaces or objects that are moving or trying to move, across each other.
Air resistance	A type of friction caused by air pushing against a moving object.
Water resistance	A type of friction caused by water pushing against a moving object.
Buoyancy	An upward force that a liquid applies to objects.
Streamlined	When an object is shaped to minimise the effects of air or water resistance.
Mechanism	Parts which work together in a machine. For example: pulleys, gears and levers.

Useful websites

www.sciencemuseum.org.uk https://www.dkfindout.com/uk/science/