

Forces

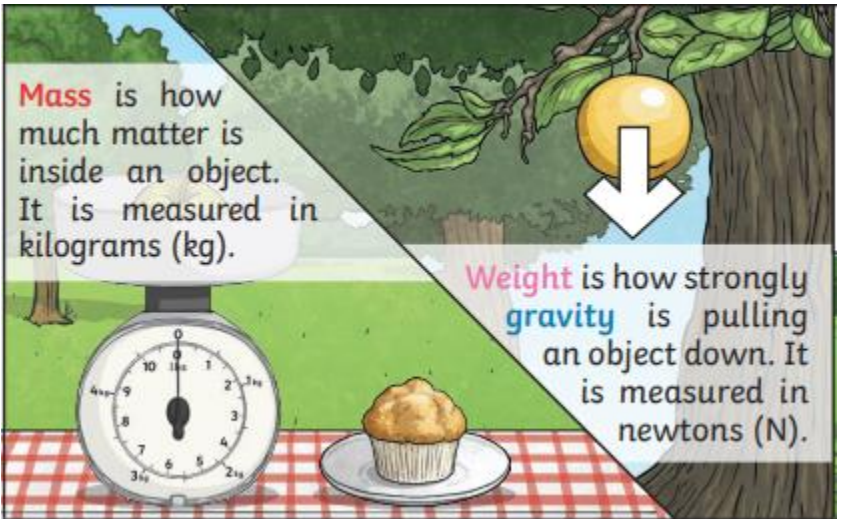
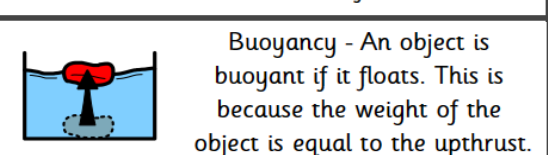
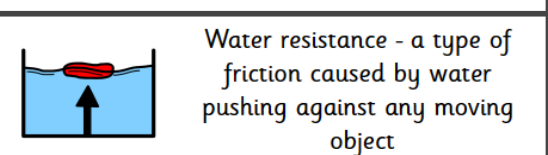
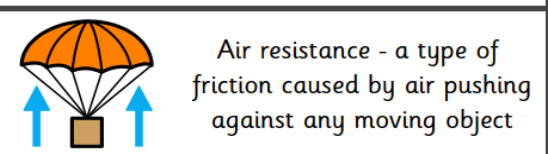
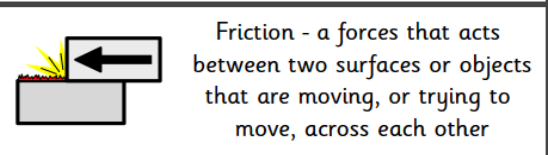
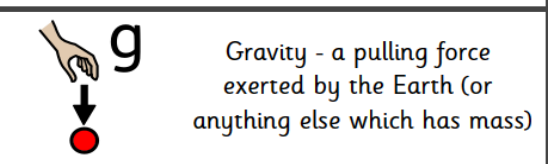
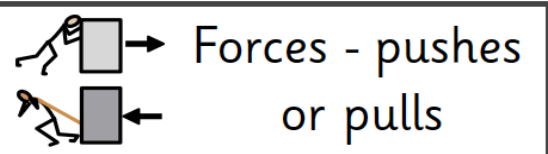
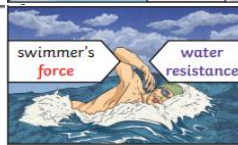
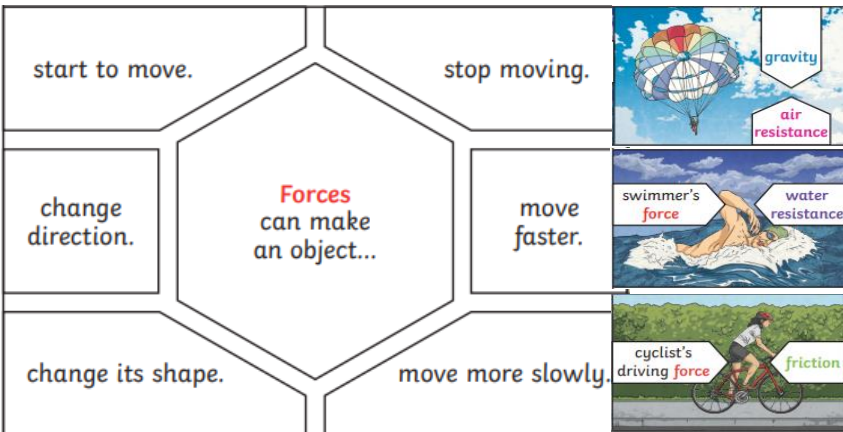
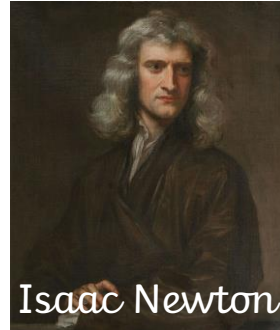
Year 5 Term 3

What I should already know:

- Understand a force such as a pull and a push
- Understand that objects need a force to make them move

What I will learn:

- How to identify forces acting on objects
- The effect gravity has on objects and how gravity was discovered
- The effects of air resistance, water resistance and friction between moving surfaces
- How mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect



Pulleys	Gears/Cogs	Lever
Pulleys can be used to make a small force lift a heavier load. The more wheels in a pulley, the less force is needed to lift a weight .	Gears or cogs can be used to change the speed, force or direction of a motion. When two gears are connected, they always turn in the opposite direction to each other.	Lever can be used to make a small force lift a heavier load. A lever always rests on a pivot.

