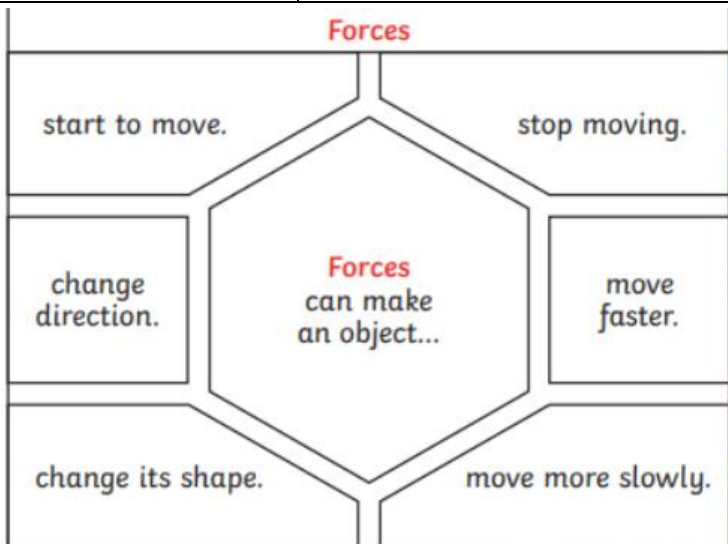
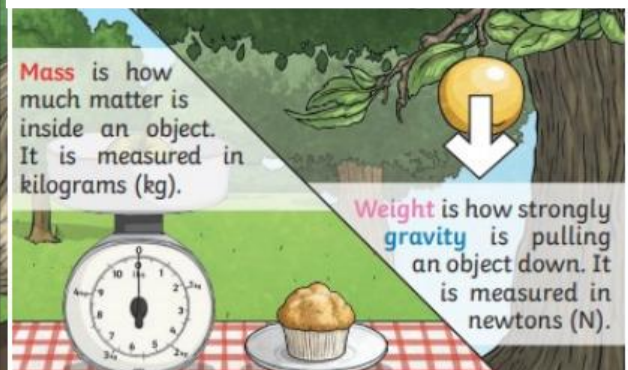


Forces and Gravity

<u>Gravity</u>	The force by which a planet or other body draws objects toward its centre.
<u>Air resistance</u>	The force that acts in the opposite direction to an object moving through the air.
<u>Velocity</u>	A measure of how fast something moves in a particular direction.
<u>Acceleration</u>	How quickly it speeds up, slows down, or changes direction
<u>Pulley</u>	A pulley is a wheel with a groove and a rope. It helps lift objects using less effort .
<u>Friction</u>	A force that resists or slows down movement when two surfaces rub against each other



Mass and gravity



Isaac Newton was a famous English scientist and mathematician who lived over 300 years ago. He is best known for discovering **gravity**, which helps explain why objects fall to the ground, and for creating important ideas about **forces and movement**, known as Newton's Laws of Motion.

