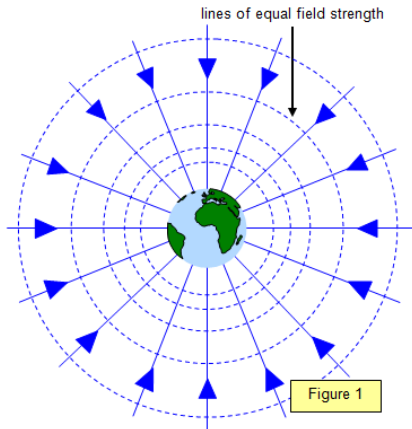


Key words

Field	The area where other objects feel a gravitational force
Gravitational field strength, g	The force from gravity on 1 kg (N/kg). 9.8 N/Kg on Earth
Mass	The amount of stuff (particles) in an object (kg).
Non-contact force	One that acts without direct contact with an object
Weight	The force of gravity on an object (N).

Gravitational field

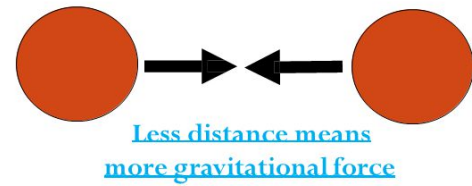
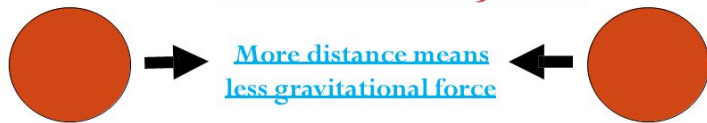


Key Equations

weight (N) = mass (kg) x gravitational field strength (N/kg)

Gravitational field strength = $\frac{\text{Weight (N)}}{\text{Mass (Kg)}}$

Gravity depends on the distance between objects



Think of gravity like a magnet. When magnets are closer, the attraction is stronger. When magnets are further apart, the attraction is less.

Gravity depends on mass

