

acceleration

The rate at which velocity changes

force

A push or pull

friction

The force that resists the movement of one surface past another

gravitational force

The force of attraction between objects in the universe

inertia

The tendency of an object to remain at rest or in constant motion unless a force acts on it

momentum

A measure of the force needed to stop a moving object

speed

A measure of how fast an object is moving

velocity

The speed in an object in a particular direction

instantaneous speed

An objects speed at any moment

