## Spelling list: GCSE Physics: Energy 1

Keywords for GCSE Physics

energy	<b>Energy</b> is how	capable some	ething is of	doing work
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work Work is when a force is applied to move an object.

joule A **joule** is a unit of energy.

If something is **transferred**, it means it is moved from one place to another transferred

place.

kinetic Kinetic energy is the energy an object has due to movement.

energy Kinetic **energy** is the **energy** an object has due to movement.

**Elastic** potential energy is energy an object has due to being stretched or elastic

compressed.

Elastic **potential** energy is energy an object has due to being stretched or potential

compressed.

Gravitational potential energy is energy an object has due to its position gravitational

above the ground.

Gravitational **field** strength measures the force of gravity on each kilogram field

of mass.

Gravitational field **strength** measures the force of gravity on each kilogram strength

of mass.

The total kinetic and potential energy of all the particles in a system is the internal

internal energy.

system An object or group of objects is a **system**.

A system that doesn't exchange with its surroundings is called a **closed** closed

system.