

Subject	Science
Unit/Topic	Energy

Key Vocabulary	Definition
Internal energy	Is stored in the particles of a substance.
Gravitational Potential energy	Is the energy stored by masses held above the ground.
Nuclear energy	Is stored in the atoms of unstable elements like Uranium & Plutonium.
Chemical energy	Is the energy stored in the chemicals in coal, oil, gas, wood, food dynamite & batteries.
Kinetic energy	Fast moving objects store a greater amount of this type of energy.
Elastic Potential energy	This is the energy stored in a stretched rubber band, a squashed spring or a flexed diving board.
Magnetic energy	Is the energy that makes a steel paper clip jump off the table onto a magnet. It comes from the movement of electrons in certain materials like iron.
Electrostatic energy	Is stored in atoms that have an overall charge, causing them to attract or repel each other.
Joule	The unit of measurement of energy, symbol J.
Pathway	How on store of energy is transferred in to another.
Fossil fuels	Coal, oil and gas.
Non renewable energy sources	These will eventually run out.
Renewable energy sources	Resources that can be used repeatedly, such as wind, solar, hydroelectric.