Unit Overview – Energy Intro

You will learn about:

- All the changes involved in the way energy is stored when a system changes.
- The amount of energy associated with a moving object, a stretched spring and an object raised above ground level.

You will be able to:

- Describe all the changes involved in the way energy is stored when a system changes.

Key learning points	
Energy transfer	
Internal Energy	

Links to other subjects:

SMSC

Show that science has the ability to identify environmental issues arising from the use of energy resources but not always the power to deal with the issues because of political, social, ethical or economic considerations.

Numeracy
Rearranging equation. Substituting numerical values into equations using appropriate units. Interpretation of graphs.

Literacy
Describe observations in practical work.

Key Words

Energy
Joules
Kinetic
Gravitational potential
Chemical
Closed system
Wasted energy
Useful energy
Internal Energy