

# Science - Year 9

## Energy Stores and Energy Transfers

**Pre-assessment**  
Where do we get our energy from?

Energy resources

Energy stores

Efficiency; useful and wasted energy

**Peer assessment**  
How well can I describe the energy transfers in a machine?

Date \_\_\_\_\_

**Application and skills exam**  
Date: \_\_\_\_\_  
Application:        /  
Skills:                /

Date \_\_\_\_\_

**Teacher assessment**  
How well can I explain or design a simple machine to reduce effort?

Date \_\_\_\_\_

**Self assessment**  
How well can I suggest improvements to a home to make it more energy efficient?

**Knowledge assessment 1**  
Date: \_\_\_\_\_  
Score:        /

Electrical power and the cost of electricity

- Methods of heat transfer:
- conduction
  - convection
  - infrared radiation
  - evaporation

Moments and levers

Work done

**Knowledge assessment 2**  
Date: \_\_\_\_\_  
Score:        /