



## ENERGY LIVE: curriculum links

Ri school shows create excitement and engagement with science, that skilled teachers can exploit for the children's benefit. Show content can be linked to the following curriculum topics in the classroom:

### Progression step 2

#### Matter

- **Properties of materials** – physical properties of solids, liquids and gases

#### Forces and Energy

- **Energy** – investigating the ways that energy can be stored and transferred, most of the energy resources we utilise are derived from the sun's energy

### Progression step 4

#### Planet Earth

- **Energy** - investigating the ways that energy can be stored and transferred, the forms of energy in the physical systems and ecosystem, the transfer and transformation of energy, the principle of conservation of energy, that most energy sources we utilize are derived from the sun's energy

#### Forces and Energy

- **Electricity** – how static electricity is caused by the transfer of electrons

### Progression step 3

#### Forces and Energy

- **Energy** – investigating the ways that energy can be stored and transferred, most of the energy resources we utilize are derived from the sun's energy
- **Electricity** – the different types of electricity





**The Royal Institution**  
Science Lives Here

**WALES**

**ENERGY LIVE: key vocabulary**

**Energy**

**Work**

**Movement**

**Heat**

**Store**

**Gravitational**

**Magnetic**

**Elastic**

**Electrostatic**

**Nuclear**

**Kinetic**

**Thermal**

**Chemical**

**Gravity**

**Magnet**

**Radiation**

**Generator**

