



**The Royal Institution**  
Science Lives Here

**NORTHERN  
IRELAND**

## **WE'VE GOT THE POWER: 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:

### **Foundation**

#### **Movement and Energy**

- What sources of energy are in my world?
- How and why are they used?

#### **Change over time**

- What kind of changes have happened?
- How can we make change happen?

### **KS1**

#### **Movement and Energy**

- Sources of energy in the world

#### **Change over Time**

- Ways in which change occurs in the natural world
- How we have a responsibility to make an active contribution to positive change

### **KS2**

#### **Movement and Energy**

- The cause and effect of energy, forces and movement

#### **Change over Time**

- How change is a feature of the human and natural world and may have consequences for our lives and the world around us
- Ways in which changes occurs over both short and long periods of time in the physical and natural world
- The effects of positive and negative changes globally and how we contribute to some of these changes





**The Royal Institution**  
Science Lives Here

**NORTHERN  
IRELAND**

**WE'VE GOT THE POWER: key vocabulary**

**Sustainability**

**Capacitor**

**Fuels**

**Carbon dioxide**

**Energy**

**Atmosphere**

**Infrared**

**Greenhouse gas**

**Electricity**

**Magnet**

**Generator**

**Electrons**

**Static electricity**

**Charge**

**Battery**

**Electrolysis**

