

Electricity Progression – New Curriculum

Year 4

Electricity

Pupils should be taught to:

- describe the use of electricity to power common appliances
- construct a simple electric circuit, demonstrating that the circuit must be correctly constructed and complete in order for components to function
- explain that some materials conduct electricity while others do not, using results of any comparative tests
- explain about closed and open circuits, and that a switch placed anywhere in a circuit switches everything on/off.

Year 6

Static electricity and magnetism

Pupils should be taught to:

- explain that magnets have two poles, and that magnets can both attract and repel – unlike poles attract and like poles repel
- describe the effects of static electricity and show that they occur when some materials are rubbed together.