



Key stage 3 (Science)

Specification Summary

3.0 Forces

3.1 Speed

3.2 Gravity

3.3 Contact forces

3.4 Pressure

4.0 Electromagnets

4.1 Voltage and resistance

4.2 Current

4.3 Electromagnets

4.4 Magnetism

5.0 Energy

5.1 Energy costs

5.2 Energy transfer

5.3 Work

5.4 Heating and cooling

6.0 Waves

6.1 Sound

6.2 Light

6.3 Wave effects

6.4 Wave properties

7.0 Matter

7.1 Particle model

7.2 Separating mixtures

7.3 Periodic table

7.4 Elements

8.0 Reactions

8.1 Metals and non-metals

8.2 Acids and alkalis

8.3 Chemical energy

8.4 Types of reaction

9.0 Earth

9.1 Earth structure

9.2 Universe

9.3 Climate

9.4 Earth resources

10.0 Organisms

10.1 Movement

10.2 Cells

10.3 Breathing

10.4 Digestion

11.0 Ecosystems

11.1 Interdependence

11.2 Plant reproduction

11.3 Respiration

11.4 Photosynthesis

12.0 Genes

12.1 Variation

12.2 Human reproduction

12.3 Evolution

12.4 Inheritance