
Stage 3

E Scientific enquiry

Ep Ideas and evidence

- **3Ep1** Collect evidence in a variety of contexts to answer questions or test ideas

Ep Plan investigative work

- **3Ep2** Suggest ideas, make predictions and communicate these
- **3Ep3** With help, think about collecting evidence and planning fair tests

Eo Obtain and present evidence

- **3Eo1** Observe and compare objects, living things and events
- **3Eo2** Measure using simple equipment and record observations in a variety of ways
- **3Eo3** Present results in drawings, bar charts and tables

Eo Consider evidence and approach

- **3Eo4** Draw conclusions from results and begin to use scientific knowledge to suggest explanations
- **3Eo5** Make generalisations and begin to identify simple patterns in results

B Biology

Bp Plants

- **3Bp1** Know that plants have roots, leaves, stems and flowers
- **3Bp2** Explain observations that plants need water and light to grow
- **3Bp3** Know that water is taken in through the roots and transported through the stem
- **3Bp4** Know that plants need healthy roots, leaves and stems to grow well
- **3Bp5** Know that plant growth is affected by temperature

Bh Humans and animals

- **3Bh1** Know life processes common to humans and animals include nutrition (water and food), movement, growth and reproduction
- **3Bh2** Describe differences between living and non-living things using knowledge of life processes
- **3Bh3** Explore and research exercise and the adequate, varied diet needed to keep healthy
- **3Bh4** Know that some foods can be damaging to health, e.g. very sweet and fatty foods
- **3Bh5** Explore human senses and the ways we use them to learn about our world
- **3Bh6** Sort living things into groups, using simple features and describe rationale for groupings

C Chemistry

Cp Material properties

- **3Cp1** Know that every material has specific properties, e.g. hard, soft, shiny
- **3Cp2** Sort materials according to their properties
- **3Cp3** Explore how some materials are magnetic but many are not
- **3Cp4** Discuss why materials are chosen for specific purposes on the basis of their properties

P Physics

Pf Forces and motion

- **3Pf1** Know that pushes and pulls are examples of forces and that they can be measured with forcemeters
- **3Pf2** Explore how forces can make objects start or stop moving
- **3Pf3** Explore how forces can change the shape of objects
- **3Pf4** Explore how forces, including friction, can make objects move faster or slower or change direction