

Primary Stage2 Science for Year2

Scientific enquiry

Ideas and evidence

- **2Ep1** Collect evidence by making observations when trying to answer a science question.
- **2Ep2** Use first hand experience, e.g. observe melting ice.
- **2Ep3** Use simple information sources. **Plan investigative work**
- **2Ep4** Ask questions and suggest ways to answer them.
- **2Ep5** Predict what will happen before deciding what to do.
- **2Ep6** Recognise that a test or comparison may be unfair.

Obtain and present evidence

- **2Eo1** Make suggestions for collecting evidence.
- **2Eo2** Talk about risks and how to avoid danger.
- **2Eo3** Make and record observations.
- **2Eo4** Take simple measurements.
- **2Eo5** Use a variety of ways to tell others what happened.

Consider evidence and approach

- **2Eo6** Make comparisons.
- **2Eo7** Identify simple patterns and associations.

- **2Eo8** Talk about predictions (orally and in text), the outcome and why this happened.
- **2Eo9** Review and explain what happened.

Biology

Living things in their environment

- **2Be1** Identify similarities and differences between local environments and know about some of the ways in which these affect the animals and plants that are found there.
- **2Be2** Understand ways to care for the environment. Secondary sources can be used.
- **2Be3** Observe and talk about their observation of the weather, recording reports of weather data.

Chemistry

Material properties

- **2Cp1** Recognise some types of rocks and the uses of different rocks.
- **2Cp2** Know that some materials occur naturally and others are man-made.

Material changes

- **2Cc1** Know how the shapes of some materials can be changed by squashing, bending, twisting and/or stretching.

- **2Cc2** Explore and describe the way some everyday materials change when they are heated or cooled.
- **2Cc3** Recognise that some materials can dissolve in water.

Physics

Light and dark

- **2PI1** Identify different light sources including the sun.
- **2PI2** Know that darkness is the absence of light.
- **2PI3** Be able to identify shadows. **Electricity**
- **2Pm1** Recognise the components of simple circuits involving cells (batteries).
- **2Pm2** Know how a switch can be used to break a circuit.

The Earth and beyond

- **2Pb1** Explore how the sun *appears* to move during the day and how shadows change. • **2Pb2** Model how the spin of the Earth leads to day and night, e.g.
with different sized balls and a torch.