

Primary Stage 1 Science for Year 1

Scientific enquiry

Ideas and evidence

- Try to answer questions by collecting evidence through observation.

Plan investigative work

- Ask questions and contribute to discussions about how to seek answers.
- Make predictions.
- Decide what to do to try to answer a science question.

Obtain and present evidence

- Explore and observe in order to collect evidence (measurements and observations) to answer questions.
- Suggest ideas and follow instructions.
- Record stages in work.

Consider evidence and approach

- Make comparisons.
- Compare what happened with predictions.
- Model and communicate ideas in order to share, explain and develop them.

Biology

Plants

- Know that plants are living things.
- Know that there are living things and things that have never been alive.
- Explore ways that different animals and plants inhabit local environments.
- Name the major parts of a plant, looking at real plants and models.
- Know that plants need light and water to grow.
- Explore how seeds grow into flowering plants.

Humans and animals

- Recognise the similarities and differences between each other.
- Recognise and name the main external parts of the body.
- Know about the need for a healthy diet, including the right types of food and water.
- Explore how senses enable humans and animals to be aware of the world around them.
- Know that humans and animals produce offspring which grow into adults.

Chemistry

Material properties

- Use senses to explore and talk about different materials.
- Identify the characteristics of different materials.
- Recognise and name common materials.
- Sort objects into groups based on the properties of their materials.

Physics

Forces

- Explore, talk about and describe the movement of familiar things.
- Recognise that both pushes and pulls are forces.
- Recognise that when things speed up, slow down or change direction there is a cause.

Sound

- Identify many sources of sound.
- Know that we hear when sound enters our ear.
- Recognise that as sound travels from a source it becomes fainter.