

Working Scientifically

Living Things and their habitats

Plants

Animals (including humans)

Materials

... observe changes over time?

... organise things in to groups?

... use text, diagrams, pictures, charts, tables to record their observations?

... find things out using secondary sources of information?

... carry out comparative tests?

... measure using simple equipment?

... identify animals and plants by a specific criterion, e.g., lay eggs or not; have feathers or not?

... find simple patterns (or associations)?

... group and classify different items/things?

... suggest how to find things out and use prompts to find things out?

... carry out a simple fair test and explain why it might not be fair to

... Notice similarities, differences and patterns?

... say whether things happened as expected?

... compare several things?

... Finding things out using secondary sources of information?

... use the senses to help them answer questions?

... use some scientific words to describe what they have seen and measured?

... match certain living things to the habitats they are found in?

... describe the life cycle of some living things? (e.g. chick, chicken)

... find things out using secondary sources of information?

The Year 2 Scientist
How well can I ...

... describe how some animals get their food using basic food chains?

... explain the differences between living and non-living things?

... explain that animals grow and reproduce?

... describe why exercise, balanced diet and hygiene are important for humans?

... match certain living things to the habitats they are found in?

... describe how a habitat provides for the basic needs of things living there?

... describe how plants and animals are suited to their habitats?

... describe what animals need to survive?

... suggest how to find things out?

... describe some of the life processes common to plants and animals, including humans?

... explain why animals have offspring which grow into adults?

... explain the basic needs of animals, including humans for survival? (water, food, air)

... observe and describe how seeds and bulbs grow into mature plants?

... observe changes over time?

... explain the differences between living and non-living things?

...describe the simple physical properties of a variety of everyday materials?

...say whether things happened as they expected?

...describe what plants need to survive?

... suggest how to find things out?

... investigate and describe the impact of removing light, soil or water from a growing or germinating plant?

... use prompts to find things out?

...use, see, touch, smell hear or taste to help them answer questions?

...explore how the shapes of solid objects can be changed? (squashing, bending, twisting, stretching)

...organise things into groups? Can they find simple patterns (or associations)?

...use some scientific words to describe what they have seen and measured?

...describe the simple physical properties of a variety of everyday materials?

...find out about people who developed useful new materials? (John Dunlop, Charles Macintosh, John McAdam)

...identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper, cardboard for particular uses?



