

Science within **EYFS**

VOCABULARY

Characteristics of Effective Learning:

Making predictions
 Testing their own ideas.
 Finding ways to solve problems
 Developing ideas of sequencing, groupings and cause and effect.
 Making links and noticing patterns.

All About Me

Knows some of the things that make them unique, and can talk about some of the similarities and differences in relation to their friends **(30-50- People and Communities)** Children are taught about themselves and each other and what makes them them. We link these to topic books, which shows similarities and differences between boys and girls, the ways of life from different cultures and where we live.

Festivals

Uses various construction materials **(30-50 -Media and Materials)**
 Explores what happens when they mix colour **(40-60- Media and Materials)**.
 Joins construction materials together to build and construct **(30-50-Media and Materials)**.

Superheroes

Uses various construction materials **(30-50 -Media and Materials)**
 Explores what happens when they mix colour **(40-60- Media and Materials)**.
 Manipulates materials for a planned effect **(40-60-Media and Materials)**.

Plants and Animals

Vocabulary

Yellow - words most children will already know
 Green - new vocabulary to teach and assess against
 Blue - aspirational vocabulary

PLANTS

Yellow - plant and tree.
 Green - flower, stem, roots, seeds
 Blue - Petal, trunk, branch, weed, wild plant and garden plant.

ANIMALS

Yellow - Animals, birds, fish, insects.
 Green -baby, eggs,, adult, name of animals commonly known to them.
 Blue - Mammals, amphibians, reptiles.

MATERIALS

Yellow - paper, paint, colour, glue.
 Green - Material, hard, soft, shiny, stretchy.
 Blue - Bendy, waterproof, see-through.

Specifics (e.g. which animals/plants are you focusing on?)

Life Cycle of caterpillars and them changing into butterflies and frog spawn.

Runner beans and sunflowers.

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| <p>Can talk about some of the things they have observed such as plants, animals, natural and found objects (30-50- The World). Children observe and look at the lifecycle of animals and plants that are familiar to them/ Children have class pets - caterpillars and observe them turning into butterflies.</p> <p>Shows care and concern for living things in the environment. (30-50-The World).</p> <p>Develops and understanding of growth and decay (30-50-The World).</p> <p>Looks closely and similarities and change (40-60-The World).</p> <p>They make observations about plants and animals and why things occur, talking about change. (ELG Statement).</p> <p><u>ELG statements yet to be covered</u></p> <p>Children look at similarities and differences in relation to places, objects, materials and living things. (People and Places)</p> <p>They talk about the features of their own immediate environment and how environments may vary one to another. (The World)</p> <p>ELG - They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture and form. (Exploring and using materials and media).</p> | <p><u>SEASONS - TIME</u></p> <p>Yellow - Time in relation to what time could be, clock, watch.</p> <p>Green -Spring, Summer, Autumn, Winter, time, day and night, now and next. Instructions given.</p> <p>Blue - Seasons, Months and Year.</p> | |
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