



Science

Year 2

Autumn 1

Animals Including Humans

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Science
Animals Including Humans

National Curriculum

- I can explain that animals, including humans, have babies which grow to be adults
- I can explain the needs of animals, including humans, for survival
- I can explain the importance of exercise, eating healthy and keeping clean
- I can explain the difference between things that are living, dead and things that have never been alive

Key objectives to cover

- To learn that all living things have certain characteristics that are essential for keeping them alive and healthy.
- Categorising whether something is alive / not alive e.g 'Is a flame alive? Is a deciduous tree dead in winter?'

National Curriculum – Working scientifically

- I can watch closely using equipment.
- I can communicate my ideas in a variety of ways.
- I can do comparative tests.
- I can name and group.
- I can collect and record data to help answer questions. (Partially scaffolded)
- I can use my observations and ideas to suggest answers to questions. (Partially scaffolded)
- I can make comparisons between the things I am testing. (Comparing two or more things they have tested/observed.)

Areas to be covered in this module

Comparative Testing
Fair Testing
Identifying and Classifying
Research

Science – Animals Including Humans

Key Question – How would you group things to show, which are living, dead, or have never been alive?

Objectives

- label parts of the body
- understand the human life cycle
- understand the difference between wants and needs (what a human needs to survive)
- understand why humans need to exercise
- understand what happens to the body when we exercise
- understand which foods are healthy / not healthy
- understand why hygiene is important
- understand and explain the results of a comparative test
- categorise living things (MRS GREN)

1. Assessment – Answer key question using skills learnt

Vocabulary	Exercise, feed, fitness, food, fruit, germs, habitat, food chain, healthy, hygiene, herbivore, needs, vegetables, alive, not alive, egg, chick, chicken; egg, caterpillar, pupa, butterfly; spawn, tadpole, frog; lamb, sheep. Growing into adults can include reference to baby, toddler, child, teenager, adult
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Working Scientifically

Living things and their habitats

Comparative Testing	<ul style="list-style-type: none">• Bread Experiment
Comparative Testing	<ul style="list-style-type: none">• Effects of exercise on the body
Identifying and Classifying	<ul style="list-style-type: none">• Food groups
Identifying and Classifying	<ul style="list-style-type: none">• Categorising living things