

HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL
SCIENCE MEDIUM TERM PLAN TERM 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Hedgehog (Y1) Plants An introduction to plants	What is a plant? To identify plants in the school grounds. Working scientifically To plan an investigation.	Parts of a plant To identify parts of a flowering plant. Working scientifically To draw and label a diagram.	Wild and garden plants To identify and name wild and garden plants. Working scientifically To sort flowers into groups.	Deciduous and evergreen trees To identify and name deciduous and evergreen trees. Working scientifically To measure and compare leaves.	Sorting seeds To recognise that new plants come from seeds and bulbs. Working scientifically To recognise that observations do not always match predictions.	Which plant parts can you eat? Science in action To recognise the importance of a scientist's role. Working scientifically To use observations to find answers to questions.
Fox (Y2) Plants Plant growth	What do seeds need to grow? To recognise that seeds need certain conditions for growth. Working scientifically To plan comparative tests.	Seeds and bulbs To recognise that seeds and bulbs contain what they need to grow into a plant. Working scientifically To measure with a ruler.	Germination To describe what seeds need to germinate. Working scientifically To record data in a table.	Light and plant growth To describe the effect of light on plant growth. Working scientifically To observe using a magnifying glass.	Plant life cycle To identify stages of a plant's life cycle. Working scientifically To draw and label diagrams.	Plant care To recognise what plants need for healthy growth. Science in action To recognise that humans have a responsibility to care for plants.

Badger (Y3) Plants Plant reproduction	Plant growth To identify the growth and survival needs of plants. Working scientifically To pose relevant questions.	Structure and function To describe the relationship between structure and function in plants. Working scientifically To design simple results tables.	Transporting water To investigate how water is transported in plants. Working scientifically To plan a simple enquiry.	Flowers To explore the role of flowers in the life cycle of a plant. Working scientifically To complete, read and interpret data in a bar chart.	Evaluating an enquiry To apply knowledge of plant life and growth. Working scientifically To identify and suggest changes to an enquiry.	Seed dispersal To explore seed dispersal methods. Working scientifically To use results to draw conclusions.
Otter (Y4) Animals, including humans Classification and changing habitats	Grouping living things; vertebrate and invertebrate To group animals in various ways. Working scientifically To record data in different ways.	Grouping living things; Plants To group plants in various ways. Working scientifically To apply and create classification keys.	Classification keys Working scientifically To make careful observations. To make and use classification keys.	Habitats and seasonal change To recognise and describe different habitats and their inhabitants. Working scientifically To gather, record, classify and present data.	Human impacts on habitats To recognise the impact humans can have on habitats. Working scientifically To research using an information sheet.	Natural changes to habitats Knowledge To recognise the impact of natural disasters on habitats.
Robin (Y5) Forces, earth and space Imbalanced	Gravity To describe gravity and its effects. Working	Air resistance To describe air resistance and its effects. Working	Water resistance To describe water resistance and its effects. Working	Friction To describe friction and its effects. Working	Levers, pulleys and gears To describe the effects of levers, pulleys and simple machines on	Levers, pulleys and gears To describe the relationship between lever length and effort.

forces	scientifically To analyse data to write a conclusion.	scientifically To plan a fair test to investigate air resistance.	scientifically To design a results table.	scientifically To evaluate a method.	movement. Working scientifically To draw and label a diagram.	Working scientifically To draw an accurate line graph.
Deer (Y6) Animals, including humans Circulation and exercise	Factors affecting health To identify factors that affect our health and how to reduce their negative impact. Working scientifically To evaluate sources of information.	The heart and circulatory system To summarise the key structures and purpose of the circulatory system.	Blood To identify the key roles of blood. Working scientifically To evaluate a model.	Heart rate To explore the relationship between animal size and heart rate. Working scientifically To interpret patterns in data.	Investigating exercise and heart rate To investigate the relationship between exercise and heart rate. Working scientifically To write a method.	Heart rate and fitness To describe the relationship between heart rate and fitness. Working scientifically To draw a line graph.