HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL
SCIENCE MEDIUM TERM PLAN TERM 5 2023 - 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Hedgehog (Y1)	**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)	**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)	**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)	**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.
Robin (Y5)	**Gravity** To describe gravity and its effects. **Working scientifically**	**Air resistance** To describe air resistance and its effects. **Working scientifically**	**Water resistance** To describe water resistance and its effects. **Working scientifically**	**Friction** To describe friction and its effects. **Working scientifically**	**Levers, pulleys and gears** To describe the effects of levers, pulleys and simple machines on movement.	**Levers, pulleys and gears** To describe the relationship between lever length and effort.

	To analyse data to write a conclusion.	To plan a fair test to investigate air resistance.	To design a results table.	To evaluate a method.	**Working scientifically** To draw and label a diagram.	**Working scientifically** To draw an accurate line graph.
Deer (Y6)	**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.