



# Pinehurst Primary School

## Science Overview 2022 – 23

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>LPC</b>	Notices detailed features of their environment/Show an interest in books/Learn the names of things/Enjoys playing with small world animals/Listen to environmental Sound/Explores objects by linking together different approaches/Using senses to explore the world around them					
<b>LA</b>	Learning about themselves. To name body parts  Understand the importance of washing hands, brushing teeth and eating a healthy snack.	Signs of Autumn Change in the weather Autumn Treasures e.g. leaves, conkers, pinecones etc Autumn animals, ask questions, talk about what they observe, sort into size/colours	Winter/snowy Animals (Animals that live in the cold) Investigating ice – melting. Comments and asks questions about the natural world.	Signs of Spring – New Life Caring for chicks/ducklings/tadpoles Ask questions about animals observed in their environment	Know parts of a plant (leaf, flower) and what is needed for a plant to grow (sun, water) Shows interests in different animals and sound they make	Developing an understanding of growth, decay and changes over time.  Shows care and concern for living things and the environment.
<b>Reception</b>	<b>All about me</b> Know how to keep healthy – daily exercise, healthy diet, brushing teeth, enough sleep Seasonal differences and similarities Differences and similarities linked to food and harvest. Sort objects into groups by size, colour	<b>Light and Dark</b> Seasonal similarities and differences in relation to changing seasons, clocks changing, light and dark Understand ideas connected to light and dark – e.g. reflection, nocturnal animals etc	<b>Observe signs of Winter</b> Observe change in the weather notice differences and similarities Using senses to explore the world around them	<b>New Life</b> Notice differences and similarities Knowing different animal and plant life cycles Observing and making comparisons between different life cycles Use simple equipment to observe	<b>Mini Beasts</b> To notice changes over time. To answer how and why questions. To describe some simple features of plants and animals Use simple equipment to observe	<b>The Big Wide World</b> Looking after the world around us.  Using senses to explore the world around them
<b>1</b>	Seasonal Changes (+throughout year)	Everyday Materials	Plants (bulbs to be planted and ready for Spring)	Plants (cont)	Animals, including humans: The Human Body	Animals, including humans: Types of Animals
<b>2</b>	Living things and their habitats: Food Chains	Uses of everyday materials	Plants	Plants: WS Focus	Animals, including humans: Health and Growing	Animals, including humans: Life Cycles
<b>3</b>	Animals, including humans: Diet/Muscles/Skeletons	Rocks	Forces and magnets	Forces and magnets	Plants	Light
<b>4</b>	Animals, including humans: Teeth	States of matter	Electricity	Sound	Living Things and Their Habitats: Classification	Animals, including humans: Digestive system
<b>5</b>	Properties and changes of materials	Forces	Earth and Space	Earth and Space	Living things and their habitats: Life Cycles	Animals, including humans: Puberty and Adolescence
<b>6</b>	Electricity	Animals, including humans: The Circulatory System	Evolution and Inheritance	Evolution and Inheritance:	Light	Living things and their habitats: Classification