



# Science Overview

|               | Autumn 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Autumn 2                  | Spring 1                      | Spring 2                                          | Summer 1                   | Summer 2                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|---------------------------------------------------|----------------------------|----------------------------------|
| <b>EYFS</b>   | <p><b>Understanding the world</b></p> <p>Science at Foundation Stage is covered in the 'Understanding the World' area of the EYFS Curriculum. It is introduced indirectly through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around them. During their first years at school our children will explore creatures, people, plants and objects in their natural environments. They will observe and manipulate objects and materials to identify differences and similarities. They will also learn to use their senses in a range of ways to help understand the world around them. Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.</p> |                           |                               |                                                   |                            |                                  |
| <b>Year 1</b> | Humans and senses.<br>Seasons - Autumn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Materials                 | Animals -<br>Seasons - Winter | Materials -<br>Investigations<br>Seasons - Spring | Plants                     | Plants<br>Seasons - Summer       |
| <b>Year 2</b> | Plants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Use of everyday materials | Animals including Humans      | Living things and their habitats                  | Uses of everyday materials | Science - Gardens and Allotments |
| <b>Year 3</b> | Light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Animals including Humans  | Rocks                         | Forces and magnets                                | Plants                     | Plants                           |



|        |                         |                        |                                                 |                          |                      |                                           |
|--------|-------------------------|------------------------|-------------------------------------------------|--------------------------|----------------------|-------------------------------------------|
| Year 4 | States of matter        | Listen up/sound        | Animals including living things: classification | Electricity              | The digestive system | Animals including living things: Habitats |
| Year 5 | Properties of Materials | Forces                 | Living Things and their Habitats                | Animals Including Humans | Earth and Space      | Changes of materials                      |
| Year 6 | Classification          | The Circulatory System | Evolution and Inheritance                       | Electricity              | SATS                 | Light                                     |