

|                  | Autumn 1  | Autumn 2                                       | Spring 1  | Spring 2 | Summer 1  | Summer 2            |
|------------------|---|--|---|----------|---|---------------------|
| N1: Caterpillars | <b>Understanding the world</b><br>- Is curious and interested to explore new and familiar experiences in nature: grass, mud, puddles, plants, animal life<br>- Explores objects by linking together different approaches: shaking, hitting, looking, feeling, tasting, mouthing, pulling, turning and poking  |  | <b>Understanding the world</b><br>- Is curious and interested to explore new and familiar experiences in nature: grass, mud, puddles, plants, animal life<br>- Can talk about some of the things they have observed such as plants, animals, natural and found objects  |          | <b>Understanding the world</b><br>- Notices detailed features of objects in their environment<br>- Can talk about some of the things they have observed such as plants, animals, natural and found objects<br>- Enjoys playing with small world reconstructions, building on first-hand experiences, e.g. visiting farms, garages, train tracks, walking by river or lake |                     |
| N2: Butterflies  | <b>Understanding the world</b><br>- Notices detailed features of objects in their environment<br>- Can talk about some of the things they have observed such as plants, animals, natural and found objects<br>- Enjoys playing with small world reconstructions, building on first-hand experiences, e.g. visiting farms, garages, train tracks, walking by river or lake |  | <b>Understanding the world</b><br>- Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world<br>- Talks about why things happen and how things work<br>- Develop an understanding of growth, decay and changes over time.   |          | <b>Understanding the world</b><br>- Shows care and concern for living things and the environment<br>- Begin to understand the effect their behaviour can have on the environment<br>- Develop an understanding of growth, decay and changes over time.  |                     |
| Year R           | <b>Understanding the world</b><br>- Shows care and concern for living things and the environment<br>- Begin to understand the effect their behaviour can have on the environment<br>- Develop an understanding of growth, decay and changes over time.<br>- Looks closely at similarities, differences, patterns and change in nature                                     |  | <b>Understanding the world</b><br>- Looks closely at similarities, differences, patterns and change in nature<br>- Knows about similarities and differences in relation to places, objects, materials and living things<br>- Talks about the features of their own immediate environment and how environments might vary from one another.<br>- Makes observations of animals and plants and explains why some things occur, and talks about changes. |          | <b>Understanding the world</b><br>- Knows about similarities and differences in relation to places, objects, materials and living things<br>- Talks about the features of their own immediate environment and how environments might vary from one another.<br>- Makes observations of animals and plants and explains why some things occur, and talks about changes.    |                     |
| Year 1           | Animals, including humans   | Seasonal Changes (covered throughout the year) | Everyday materials  |          | Plants  |                     |
| Year 2           | Living things and their habitats  | Animals, including humans                      | Uses of everyday materials  |          |   | Plants              |
| Year 3           | Rocks   | Animals, including humans                      | Plants  |          | Light   | Magnets and forces  |
| Year 4           | States of matter  | Animals, including humans                      | Electricity   | Sound    | Living things and their habitats  |                     |
| Year 5           | Properties and changes of materials (part 1)  | Earth and space                                | Properties and changes of materials (part 2)  | Forces   | Living things and their habitats  | Animals inc. humans |



|        |       |                          |                                  |             |  |                           |
|--------|-------|--------------------------|----------------------------------|-------------|--|---------------------------|
| Year 6 | Light | Animals including humans | Living things and their habitats | Electricity |  | Evolution and Inheritance |
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**Portsmouth Primary School Subject Overview: Science**