**Subject leader overview: Science**

At Pucklechurch Primary School ‘Working scientifically’ sits at the heart of our Science teaching and learning ethos. This means that children are given the opportunity and freedom to explore the world around them and raise their own questions and ideas. Children experience different types of scientific enquiries, including practical activities, and recognise ways in which they might answer scientific questions. Furthermore children learn to identify, classify and describe living things and materials, and identify patterns that might be found in the natural environment. Children develop their scientific skills whilst working through a series of discrete units- the table below outlines the requirement of study:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| ***Working scientifically*** | | | | | |
|  | **Living things & their habitats** |  | **Living things & their habitats** | **Living things & their habitats** | **Living things & their habitats** |
| **Plants** | **Plants** | **Plants** |  |  |  |
| **Animals, including humans** | **Animals, including humans** | **Animals, including humans** | **Animals, including humans** | **Animals, including humans** | **Animals, including humans** |
|  |  |  |  |  |  |
|  |  |  |  |  | **Evolution and inheritance** |
| **Everyday materials** | **Uses of every day materials** | **Rocks** |  |  |  |
|  |  |  | **States of matter** | **Properties & changes of materials** | **Changes that form new materials** |
|  |  | **Light** |  |  | **Light** |
|  |  |  | **Sound** |  |  |
|  |  | **Forces and magnets** |  | **Forces** |  |
| **Seasonal Changes** |  |  |  | **Earth and Space** |  |
|  |  |  | **Electricity** |  | **Electricity** |