# Ludlow Junior School—Whole School Science Overview 2018-2019

| | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|
| **'Working scientifically' statements that are met throughout the year across units.** | Recording findings using simple scientific language and diagrams<br><br>Using results to draw simple conclusions and raise further questions<br><br>Identifying differences, similarities or changes related to simple scientific ideas | Asking relevant questions and using different types of scientific enquiries to answer them<br><br>Setting up simple practical enquiries and fair tests<br><br>Making systematic and careful observations and taking accurate measurements using standard units, | Plan different types of scientific enquiries to answer questions.<br><br>Using test results to make predications<br><br>Presenting findings from enquiries in oral and written forms | Recording data and results in a variety of ways<br><br>Identify evidence to support arguments or refute ideas<br><br>Gathering, recording, classifying and presenting data in a variety of ways |
| Autumn 1 | **Humans - bones and muscles** | **States of Matter** | **Earth & Space** | **Electricity** |
| Autumn 2 | **Light** | **Animals and humans: Nutrition, Muscles and Skeleton** | **Properties of materials – reversible changes** | **Light** |
| Spring 1 | **Forces and magnets** | **Sound** | **Properties of materials – irreversible changes** | **Living things and their habitats: classifying** |
| Spring 2 | **Rocks and soils** | **Electricity** | **Forces** | **Evolution and Inheritance** |
| Summer 1 | **Classifying animals** | **Investigation skills/ Data Handling** | **Living things and their habitats: life cycle and reproduction** | **SATs** |
| Summer 2 | **Plants** | **Living things and their habitats: grouping and the environment** | **Animals including humans: birth to old age** | **Animals including humans: Circulatory system and diet**<br>**Pupils can evaluate their own scientific ideas** |