

## The Willows 2014/2015 Long term planning

|          | Year 1  | Year 2   | Year 3   | Year 4  | Year 5  | Year 6   |
|----------|---|--|--|---|---|--|
| Autumn 1 | <b>Animals including humans</b><br>Naming and describing common animals and human body parts.   | <b>Everyday materials and their uses</b><br>Identify and compare everyday materials<br>How objects can be changed  | <b>Forces and Magnets</b><br>How magnets attract and repel.                                      | <b>Electricity</b><br>Simple circuit construction with switches and lamps.<br>Some conductors and insulators.               | <b>Earth and Space</b><br>Movement of the Earth and Day and night.  | <b>Light and sound</b><br>How light travels and reflects   |
| Autumn 2 | <b>Animals inc...</b><br>Naming and describing common animals and human body parts.<br><b>Seasonal changes</b><br>The sun, seasons and weather. | <b>Animals including humans</b><br>Offspring and basic needs of a human  | <b>Rocks</b><br>Physical properties and classification of rocks, fossils and soils               | <b>Living things and their habitats</b><br>Living things and their habitats. Classifying keys and environments and habitats | <b>Earth and Space</b><br>Movement of the Earth and Day and night.  | <b>Living things and their habitats</b><br>Classification of living things and reasons for it. Habitats. |
| Spring 1 | <b>Plants</b><br>Structure of the plant and recognising common plants   | <b>Living things and their habitats</b><br>Exploring living and non-living things. Role of habitat and food chains | <b>Plants</b><br>Structure and lifecycle of a plant. How water travels and the role of a flower. | <b>States of Matter</b><br>Grouping solid, liquids and gasses. Discuss heating and cooling and evaporation and condensation | <b>Living things and their Habitats</b><br>Lifecycle of an amphibian, bird, mammal and insects<br>Process of reproduction | <b>Evolution and Inheritance</b><br>Adaptation and inheritance. Parents and offspring.                   |
| Spring 2 | <b>Plants</b><br>Structure of the plant and recognising common plants   | <b>Living things and their habitats</b><br>Exploring living and non-living things. Role of habitat and food chains | <b>Light</b><br>Observe and name the sources of light.<br>Reflections and shadows                | <b>States of Matter</b><br>Grouping solid, liquids and gasses. Discuss heating and cooling and evaporation and condensation | <b>Animals including humans</b><br>Life cycles of humans, animals and plants.   | <b>Electricity</b><br>Identify and name parts of the circuit and various components                      |
| Summer 1 | <b>Seasonal changes</b><br>The sun, seasons and weather.  | <b>Plants</b><br>How a seed and bulb grows   | <b>Animals including humans</b><br>Role of the skeleton<br>Nutrition and diet                    | <b>Sound</b><br>Observe the sources of sound and how it's made, Inc. pitch and volume.                                      | <b>Forces</b><br>-Gravity, air resistance, drag and friction<br>-Pulleys and gears  | <b>SATS</b>  |
| Summer 2 | <b>Everyday Materials</b><br>Recognising, classifying and describing different materials.   | <b>Plants</b><br>How a seed and bulb grows   | <b>Animals inc...</b><br>Role of the skeleton<br>Nutrition and diet                              | <b>Animals including humans</b><br>Digestive system, teeth and food chains  | <b>Everyday materials and their uses</b><br>Properties and classification of materials                                    | <b>Animals including humans</b><br>Human circulatory system, diet, exercise and drugs                    |