

### Science Long Term Plans

|               | Autumn 1                                                      | Autumn 2                             | Spring 1                                                                      | Spring 2                                                   | Summer 1                                                                    | Summer 2                                                               |
|---------------|---------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Year 3</b> | Animals including humans –bones and diet                      | Rocks - classifying and fossils      | Light – darkness, shadows and the sun                                         | Forces and Magnets - Push, pull and magnets                | Plants – parts of a plant/flower, growth and life cycle of flowering plants |                                                                        |
| <b>Year 4</b> | States of Matter – solid, liquids, gasses and the water cycle |                                      | Electricity –simple circuits                                                  | Sound – pitch and loudness                                 | Animals, including humans – digestion and teeth                             | Habitats - classification and food chains                              |
| <b>Year 5</b> | Earth and Space – our solar system                            | Forces – friction, mass & resistance | Properties of Materials - Classify material, separating mixtures and changes. |                                                            | Animals including humans – reproduction and puberty                         | Living things and their habitats –asexual reproduction and life cycles |
| <b>Year 6</b> | Animal including humans - Heart & healthy living              | Light – how we see things            | Evolution and Inheritance – Fossils, offspring and adaptation                 | Electricity – Using variety of components, Problem solving | Living things and their habitats – classification of living things          |                                                                        |