

Shalford Primary School Science Curriculum Overview

Year Group	Autumn	Spring	Summer
1 and 2 Cycle A	Materials Objects and their Properties (8 lessons) <i>(Please note: Comparing and Grouping Materials must be covered in both Cycle A and Cycle B)</i> Four seasons (longitudinal study) Changes in weather and day length (3 lessons)	Animals including humans Common Animals/External Body Parts (8 lessons) 3 Diet types, different types of animals, senses Four seasons (longitudinal study) Changes in weather and day length (3 lessons)	Plants Common and Wild – deciduous and evergreen – basic parts. (8 lessons) Four seasons (longitudinal study) Changes in weather and day length (3 lessons)
1 and 2 Cycle B	Living things and their habitats Four seasons (longitudinal study) Changes in weather and day length (3 lessons)	Materials and their suitability for different purposes <i>(Please note: Comparing and Grouping Materials must be covered in both Cycle A and Cycle B)</i> Plants Basic and function and conditions for growth	Animals including humans offspring, life cycles humans and animal's basic needs and exercise
3 and 4 Cycle A	Electricity Circuits, Conductors and Insulators Sound Vibrations Pitch and Volume	Materials States of Matter -Heating, Cooling and evaporation Water Cycle	Animals including Humans Teeth, Digestion and Food chains Living Things and their Habitats Classification and Environments
3 and 4 Cycle B	Forces- and Magnets (6weeks) Rocks and their properties/ Fossils (6 weeks)	Animals including humans Skeleton, muscles and nutrition (8 weeks)	Light Light and Shadows (6 weeks) Plants in depth functions of different parts observational investigations and life cycle (6 weeks)

5 and 6 Cycle A	<p>Forces Gravity, Air and Water Resistance, Mechanisms, Levers and Pulleys</p> <p>Earth and Space Sun, Earth, Moon and Solar System</p>	<p>Materials Properties and Groups, Changes in State, Solutions (12 weeks)</p>	<p>Living Things and their Habitats Life Cycles- reproduction- plants and animals</p> <p>Animals including Humans Changes as we age</p>
5 and 6 Cycle B	<p>Light How we see, How Light travels</p> <p>Electricity Symbols and Diagrams and Variation of Components Functions – Louder/brighter</p>	<p>Animals including Humans Circulatory System and Nutrition</p> <p>Evolution adaptation and inheritance</p>	<p>Living Things and their Habitats Classification including Micro- Organisms</p>