



Churchside Federation Long Term Planning

Subject: Science



2023-2024	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/ Reception	<ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 					
Year One/ Two/ Three	Sharing and Caring: Animals including Humans (Y1/2/3)	Urban and Rural Adventures: Everyday materials (Y1) Roman roads	Magic and Wonder: Light (Y3)	Nature and environment: Seasonal changes(Y1) Plants (Y1/2)	Making memories:	Hope and Courage: Rocks (Y3) Plants (Y3)
Year Four/ Five/ Six	Daring to dream: Earth & Space (Year 5) Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Describe the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	Journeys & Discoveries: Sound (Year 4) Know how sound is made associating some of them with vibrating. Know what happens to a sound as it travels from its source to our ears. Know the correlation between the volume of a sound and the strength of the vibrations that produced it. Know how sound travels from a source to our ears. Know the correlation between pitch and the object producing a sound. Light (Year 6)	Lessons from the past: Materials (Year 4/5/5)	Preserving our world: Living things and their habitats (Year 4/5/6)	New Worlds: Animals including humans (Year 4/5/6)	Challenging destiny: Forces (Year 5)

Events:

