

## Churchside Federation Long Term Planning Subject: Science



2023-2024	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
Nursery/ Reception Year	<ul> <li>Explore the natural world around them, making observations and drawing pictures of animals and plants.</li> <li>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.</li> <li>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> <li>Sharing and Caring:</li> <li>Urban and Rural</li> <li>Magic and Wonder:</li> <li>Nature and</li> <li>Making memories:</li> <li>Hope and Courage:</li> </ul>							
One/ Two/ Three	Animals including Humans (Y1/2/3)	Adventures: Everyday materials (Y1) Roman roads	Light (Y3)	environment: Seasonal changes(Y1) Plants (Y1/2)		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)		



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/ Reception						
Year One/ Two/ Three	Lost and Found: Living Things and their Habitats (Y2) Seasonal Changes (Y1)	Acceptance and Appreciation: Everyday materials (Y2)	Beasts and Monsters: Animals including Humans (Y1/2/3) Seasonal Changes (Y1)	Endings and Beginnings: Living things and their habitats (Y2)	Following your heart: Seasonal Changes (Y1) Light (Y3)	A Twist in the Tale: Plants (Y1/2)
Year Four/ Five/ Six	Stories within stories:	Stories of survival: Evolution & Inheritance (Year 6)	Legends & Folklore: Animals including humans (Year 4/5/6)	Finding a place: Living things and their habitats (Year 4/5/6)	Invention & Innovation: Electricity (Year 4/6)	An alternative point of view: Earth & Space (Year 5)

Events:



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2025-2026						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/ Reception						
Year One/ Two/ Three	Imagination and Curiosity: Seasonal Changes (Y1)	Urban Metropolis: Everyday materials (Y1/2)	Relationships and Companionship:	Creation and Conservation: Plants (Y1/2) Seasonal changes (Y1)	Heroes and Villains: Animals including Humans (Y1/2/3)	Mystery and Discovery: Animals including Humans (Y1/2/3) Light (Y3)
Year Four/ Five/ Six	<b>Different worlds:</b> Animals including humans (Year 4/5/6)	A sense of place: Living things and their habitats (Year 4/5/6)	Endings & Expectations: Electricity (Year 4/6)	Secret civilisations: Materials (Year 4/5/5)	Activism & Equality: Forces (Year 5)	Fate vs. Free Will:
vents:						