



Sacred Heart Catholic Primary School
Science Curriculum Overview



EYFS Curriculum						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Humans Animals	Materials Light	Sound	Living Things & their Habitats	Forces	Earth & Space
Throughout the year	Seasonal change: - Play and explore outside in all seasons and in different weather - Observe living things throughout the year					
Year 1						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Animals inc humans - animals	Animals inc humans - humans	Materials	Plants		Seasonal Changes
Throughout the year	Plants: - While learning to name and identify plants, the pupils should be drawing on a range of different clues. Many plants change in appearance over the year – losing leaves, buds developing into flowers, flowers developing into seeds or berries. At any particular time, only some of these parts will be present. To ensure correct identification, all parts should be considered. Pupils should therefore visit the same plants throughout the year gathering additional clues for identification. Seasonal change: - Pupils should be gathering data about seasonal change regularly throughout the year. As part of this, they will be making observations about the weather and how this affects living things. If data is gathered regularly, this can be reviewed at the end of the year.					
Year 2						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Everyday materials		Animals inc humans	Plants	Living Things & their Habitats	
Throughout the year	Living Things & Their Habitats: - While learning to name and identify plants, the pupils should be drawing on a range of different clues. Many plants change in appearance over the year – losing leaves, buds developing into flowers, flowers developing into seeds or berries. At any particular time, only some of these parts will be present. To ensure correct identification, all parts should be considered. Pupils should therefore visit the same plants throughout the year gathering additional clues for identification.					

	- Animals visible in a habitat will change depending on the weather on the day and the season. In order to build up a full picture of the animals in a habitat, the habitat should be visited at different times throughout the year. Plants: - Seeds and bulbs need to be planted at different times of the year (bulbs in Autumn and seeds, generally, in Spring). For these to reach full maturity, they need to complete their life cycle. This will be determined by the plant, not the time allocated to the topic. Once planted, the beds will need to be visited regularly to weed and make observations of growth.					
Year 3						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Plants	Animals inc humans (skeletons/movement)	Forces and magnets	Rocks and soil	Light and shadow	Animals inc humans (nutrition)
Throughout the year	Plants: - Many plants have an annual cycle – having buds, flowers, seeds/berries at certain times in the year. Pupils should therefore visit the same plants throughout the year gathering evidence linked to their life cycle e.g. collecting seeds and taking photographs or making observational drawings for buds, flowers etc. This evidence can then be reviewed at the end of the year to exemplify a range of plants' life cycles.					
Year 4						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Living Things & Their Habitats	Materials	Animals including Humans	Electricity	Sound	
Throughout the year	Living Things & Their Habitats: - While learning to name and identify plants, the pupils should be drawing on a range of different clues. Many plants change in appearance over the year – losing leaves, buds developing into flowers, flowers developing into seeds or berries. At any particular time, only some of these parts will be present. - Pupils should therefore visit the same plants throughout the year gathering additional clues for identification. - Animals visible in a habitat will change depending on the weather on the day and the season. In order to build up a full picture of the animals in a habitat, the habitat should be visited at different times throughout the year.					
Year 5						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Living Things & Their Habitats	Animals including Humans	Properties of Materials	Changes of Materials	Forces	Earth & Space
Year 6						
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Evolution & Inheritance	Living Things & Their Habitats	Electricity	Light	Animals including Humans – circulatory system	HRSE

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