

**St. Hugh's Catholic Primary School
Science Subject Plan**

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Seasonal Change Children observe changes and describe weather in the 4 seasons BEGIN	Living things and their habitats Children investigate a variety of habitats and learn about simple food chains	Plants Children explore life cycles of flowering plants and study how different parts of plants work together	Animals including humans Children learn about the digestive system and the function of different types of teeth	Properties and changes of materials Children learn about solutions and how mixtures might be separated through filtering, sieving and evaporating	Living things and their habitats Children classify plants and animals based on their characteristics
Autumn 2	Animals including humans Children learn about a variety of common animals and learn how our senses are connected to parts of the body		Animals including humans Children learn how animals get nutrition and the purpose of muscles and the skeleton	Living things and their habitats Children group living things and use classification keys		Animals including humans Children learn about the circulatory system and the impact of lifestyles on the health of their bodies
Spring 1	Everyday materials Children name, describe and compare materials	Uses of everyday materials Children investigate the suitability of materials for different uses and look at how shapes of objects can be changed	Rocks Children compare rocks and investigate how fossils and soils are formed	States of matter Children investigate how materials might change when heated or cooled and investigate the water cycle (evaporation and condensation)	Living things and their habitats Children investigate life cycles and the life process of reproduction in some plants and animals	Electricity Children investigate variations in the components of circuits and learn how to draw simple circuits
Spring 2	Seasonal Change Children observe changes and describe weather in the 4 seasons COMPLETE		Light Children investigate shadows and reflections		Animals including humans Children investigate the changes as humans develop to old age	Light Children learn how light travels in straight lines and investigate how shadows are formed
Summer 1	Plants Children identify, name and describe common plants and flowers	Plants Children plant seeds and investigate what they need to grow	Forces and Magnets Children learn how magnets can attract and repel	Electricity Children investigate circuits and learn about conductors and insulators	Forces Children learn about gravity, friction, air and water resistance	Evolution and inheritance Children learn how living things have changed over time and have adapted to suit their environments
Summer 2		Animals including humans Children investigate basic needs for survival and the importance of staying healthy		Sound Children investigate vibrations, pitch and volume	Earth and Space Children learn about the movement of the earth and other planets	