



# Holywell Primary School

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*we are a learning community with the spirit to succeed*

## Subject Overview 2022-23 – Science

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<b>Ongoing:</b> Communication and Language Physical Development Understanding the World		<b>Ongoing:</b> Communication and Language Physical Development Understanding the World		<b>Ongoing:</b> Communication and Language Physical Development Understanding the World	
Reception	<b>Ongoing:</b> Communication and Language Physical Development Understanding the World		<b>Ongoing:</b> Communication and Language Physical Development Understanding the World		<b>Ongoing:</b> Communication and Language Physical Development Understanding the World	
Year 1	<b>Animals including Humans</b> Mammals, birds and animal groups, carnivores and herbivores)	<b>Seasonal Changes</b> The seasons and changes we see	<b>Materials and their Properties- Everyday Materials</b> Properties of materials and what every day items are made from		<b>Plants</b> Basic structure of a plant	
Year 2	<b>Living things and their Habitats</b> Comparing living and non-living things and begin to recognise different habitats and which animals live where	<b>Materials- Everyday Materials and their uses</b> Suitability of materials for their use and how they can physically change (squashing etc)	<b>Animals including Humans</b> Offspring, life cycles, food/ nutrition and hygiene		<b>Plants</b> How plants grown and what they need, how seeds change	<b>Mammals, Growth and Health</b> Basic needs of animals
Year 3	<b>Animals including Humans</b>	<b>Forces and Magnets</b> How items move on different surfaces and	<b>Rocks</b>	<b>Light</b>	<b>States of Matter</b> Compare and group different materials, solids,	<b>Animals including Humans</b>



	Features of an animal, nutrition and skeleton	magnets (poles, attract, repel)	Group and classify and recognise properties of different types of rock	Why do we need light, shadows, light sources (the sun)	liquids and gases and how we can change from one to another (changing state)	Food chains, predators and prey
<b>Year 4</b>	<b><u>Living things and their Habitats</u></b> Classification keys, environment and how environments can change	<b><u>Animals including Humans</u></b> Digestive System	<b><u>Electricity</u></b> Simple Circuits	<b><u>Sound</u></b> How are sounds made?	<b><u>Plants</u></b> Functions and features of plants, pollination, seed dispersal and the life cycle of plants	
<b>Year 5</b>	<b><u>Properties and changes of Materials</u></b> Solubility, properties of materials, solids, liquids and gases, sorting materials, reversible and irreversible changes		<b><u>Earth and Space</u></b> The Earth, planets, moon and day and night	<b><u>Living things and their Habitats</u></b> Reproduction	<b><u>Forces and Magnets</u></b> Gravity, air resistance and the effect of a force	<b><u>Animals including Humans</u></b> Changes of internal and external appearance in humans and animals as they go through their life cycle
<b>Year 6</b>	<b><u>Animals including Humans</u></b> Human heart and circulatory system, impact of diet, drugs and exercise	<b><u>Inheritance and Evolution</u></b> Dissolving, mixing and changes of state are reversible changes	<b><u>Light</u></b> How light travels, how we see, shadows	<b><u>Living Things and their Habitats</u></b> Classification	<b><u>Electricity</u></b> Changing components and the affect it has, use of electrical symbols	