

## PHJS Science Topics Overview

	<b><u>Autumn 1</u></b>	<b><u>Autumn 2</u></b>	<b><u>Spring 1</u></b>	<b><u>Spring 2</u></b>		<b><u>Summer 1</u></b>	<b><u>Summer 2</u></b>
<b><u>Year 3</u></b>	<b>Rocks</b> - types of rock - natural or man-made - fossils	<b>Light</b> - sources of light - reflection - shadows - data handling	<b>Animals including humans</b> - human skeleton - food groups - vertebrates & invertebrates	<b>Plants</b> - growing plants - fair test - line graphs		<b>Plants</b> - lifecycle of plants - pollination	<b>Forces</b> - pushes and pulls - friction
<b><u>Year 4</u></b>	<b>Sound</b> - the ear - volume & pitch - making sound - soundproofing	<b>Electricity</b> - electrical appliances - electrical circuits	<b>Living things and their habitats</b> - characteristics - classification	<b>Animals including humans</b> - digestive system - teeth - food chains		<b>States of matter</b> - heating and cooling - investigations	<b>States of matter</b> - water cycle - solids, liquids & gases
<b><u>Year 5</u></b>	<b>Properties and changes of materials</b> - investigations on materials - scientific writing - graphs	<b>Properties and changes of materials</b> - sound absorption - permeable materials	<b>Forces</b> - levers/pulleys - resistance - gravity	<b>Animals including humans</b> - human development	<b>Living things and their habitats</b> classification	<b>Earth and space</b> - movement of the Earth - day & night - moon's orbit	<b>Earth and space</b> - the solar system
<b><u>Year 6</u></b>	<b>Evolution &amp; Inheritance</b> - fossils - adaptation	<b>Evolution &amp; Inheritance</b> - evolution - offspring - basic genes/DNA	<b>Animals including humans</b> - systems in the human body - diet/lifestyle	<b>Living things and their habitats</b> - classification - microorganisms		<b>Light</b> - shadows - reflection - how we see	<b>Electricity</b> - voltage - circuits - electrical safety