

## Subject Yearly Overview 2025-2026

Subject: Year 7 Science	TOPIC	COMPONENT	<i>Notes: Why are you delivering this topic at this time of year?</i>
<b>Autumn 1</b>	To discuss the cycles of the Earth.	Learning about seasons, day and night. Modelling the Earth's orbiting. Discussing the structure of the Solar System.	Introducing pupils to the principles of the Solar System.
<b>Autumn 2</b>	<b>Illustrate</b> human organisation system.	Learning about cells and their components. Discussing examples of organs, systems, tissue and different organisms.	Introducing pupils to how different organisms are built.
<b>Spring 1</b>	<b>Discuss</b> electromagnetic waves and explore visible light.	Learning about transverse and longitudinal waves. Investigating how visible light is the part of electromagnetic spectrum.	Introducing idea of visible light and comparing it to the types of waves humans cannot see.
<b>Spring 2</b>	<b>Classify</b> materials	Learning about different properties of materials and their uses. Discussing metals and non-metals, insulators and conductors.	Students will discuss how materials used in their life can be classified into different categories.
<b>Summer 1</b>	<b>Explore</b> the role of plants and animals in an ecosystem	Learning about biotic and abiotic factors in ecosystem. Discussing food chains and food webs.	Pupils have previously learnt about the structure and order of human body. Now they will learn how different organisms rely on each other as a source of food. They will discuss the importance of the environment for all living organisms.
<b>Summer 2</b>	<b>Explore</b> sound waves.	Learning about the energy transferred by waves. Discovering how vibrations make sound. Discussing real life examples and engaging in practical projects.	Pupils will continue learning about waves. This time they will explore how sound creates vibrations.