

Subject Yearly Overview 2025-2026

Subject: Year 10 Science	TOPIC	COMPONENT	<i>Notes: Why are you delivering this topic at this time of year?</i>
Autumn 1	Investigate factors that contribute to healthy living Investigate and understand enthalpy changes associated with chemical reactions	To understand the impact of healthy lifestyle of health and diseases. To identify chemical reactions and take measurements.	Starting with basic principles in human health such as diet and exercise. Revisiting chemical bonding and to recognise chemical reactions.
Autumn 2	Investigate organic compounds used in society	To identify the structure of hydrocarbons and their uses.	Continuation of Chemistry. Exploring different types of chemical bonds, structure and its effect on properties.
Spring 1	Investigate forces	Learning about different types of forces and how they affect matter. Giving examples of how we observe forces at work.	Revisiting topic learnt in KS3. Focusing on calculations and investigations related to forces.
Spring 2	Investigate motion	Analysing graphs representing motions. Investigating speed, reaction time and motion.	Combining forces with motion to discuss forces at work.
Summer 1	Introduction to immunity	Introducing body's defence system. Topic based on knowledge from KS3. Learning about physical barriers and cells fighting infections.	Introducing a broad topic, which will be continued in year 11.
Summer 2	Revising scientific methods	Discussing scientific skills such as using appropriate equipment, health and safety in lab, collecting and analysing data and writing scientific report.	Summarising scientific skills learnt over the year.