

Science: Chemistry @ WBS Year 11 Roadmap

Subject Aim: You are continuing to build on your skills and knowledge and you are using correct terminology in order to describe and explain key ideas.

TTP and Autumn Term	Topic 1 – Reversible reactions
	You will learn about what happens when a reaction can go forward and backwards and how to use this to make more product. P 7 2-73 of the Chemistry revision guide
	Topic 2 – Using resources
	This topic covers, how we use products and how we can minimise our impact on the environment. P99-101 of the Chemistry revision guide.
	Topic 3 – Lab tests (Triple only)
	You will study how to identify different chemicals. P88-90 of the Chemistry revision guide.
Spring Term	Topic 4 - Further Organic Chemistry (Triple only)
	This topic covers; reactions of carbon based compounds P78-84 of the Chemistry revision guide
	Topic 5 – Further Quantitative Chemistry (Triple only)
Summer Term	Topic 6 - Electrochemical cells (Triple only)
	This topic covers, how various batteries work P 46-47, 52 of the Chemistry revision guide.

Assessment

There will be 3 formal Key assessments in Y11. Each will be a test of all of the content you have covered up to that point in time. You will be given the page references of the revision guides that you need to use 2-3 weeks prior to the assessment. The revision forms a key part of your homework. Your setting in Science will be reviewed at the start of the year and your performance will help to determine which examination route you take for your GCSEs, this decision being made close to Christmas.

Key Assessment 1	28 th June 2023
Key Assessment 2	1 st December 2023
Key Assessment 3	5 th February 2024

Homework and Revision

Homework is based on exam questions. You will get a booklet of questions from each science teacher every month. You will complete a few questions each week and mark your answers using mark schemes released each week on Brightspace. In this way you will review the science content from year 9 and 10.

Revision for the assessments is set by the Head of Department several weeks before each assessment. You will have some revision time in class with your core teacher, but revision is a key component of your Homework. You are strongly advised to revisit your notes often throughout the year, in order to minimise stress levels in the summer.

Enrichment themes

You will look at careers in science throughout the year. You will have the opportunity to engage with Science outside the classroom through STEM club (Science, Technology, Engineering, Maths)

Where Next?

6th form or college or an apprenticeship or a job. We all wish you the very best of luck.