Y11 Learning Journey. Subject: Combined Science - Chemistry GCSE

Exam Requirements: Your GCSE in combined science (chemistry) is structured, and examined, in the following way:

Paper One:	Paper Two:
What's assessed Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.	**What's assessed** Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources. Can also include core topics from paper 1: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry;
All combined science papers, both foundation and higher tier (note you need to do either foundation or higher tier for all 3 sciences and all 6 papers, you can't mix and match)	
How it's assessed – each of 6 papers Written exam: 1 hour 15 minutes • 70 marks • 16.7% of GCSE	Questions Multiple choice, structured, closed short answer, and open response.

Overview of the Year:

Week Beginning	The focus of your learning or revision this week:	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
05/09/22	Organic chemistry	
12/09/22	Organic chemistry	
19/09/22	Organic chemistry	
26/09/22	Organic chemistry	
03/10/22	Organic chemistry	
10/10/22	Using resources	
17/10/22	Using resources	
Half Term		
31/10/22	Using resources	
07/11/22	Using resources	Test – using resources, organic and electrolysis
14/11/22	Quantitative chemistry	
21/11/22	Quantitative chemistry	
28/11/22	Quantitative chemistry	
05/12/22	Revision for paper 1	
12/12/22	**Assessment Week One**	
19/12/22	Quantitative chemistry	
Christmas Break		
09/01/23	Mock feedback	
16/01/23	Quantitative chemistry	
23/01/23	Chemical analysis	

30/01/23	Chemical analysis	
06/02/23	Chemical analysis	Test – quantitative chemistry and chemical analysis
Half Term		
20/02/23	Revision for paper 2	
27/02/23	Revision for paper 2	
06/03/23	**Assessment Week Two**	
13/03/23	Y9 recap – Chemistry of the atmosphere	
20/03/23	Y9 recap – Chemistry of the atmosphere	
27/03/23	Y9 recap – Structure and bonding	
03/04/23	Y9 recap – Structure and bonding	
Easter Break		
24/04/23	Revision	
01/05/23	Revision	
08/05/23	Revision	
15/05/23	**Provisional start to the GCSE Exams**	

Exam Practice: You can find past papers to help support your revision and develop your exam technique here: https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources	**Revision Materials:** https://senecalearning.com/en-GB/ https://www.kerboodle.com/users/login (school subscribes, can access copy of the textbook) https://www.bbc.co.uk/bitesize/topics/z88jjty G:\Science\Year group folders\year 11\GCSE Chemistry\1. Revision (hyperlink will only work in school or logged into school)
Glossaries: Vocabulary lists to support your revision can be found here: G:\Science\Year group folders\year 11\GCSE Chemistry\1. Revision\4. Recall tasks\Glossaries - FT & HT (hyperlink will only work in school or logged into school) Glossaries and checklists also available on kerboodle. https://www.kerboodle.com/users/login	**Advice and Guidance for Revision** Revision is best if you think about the subject, little and often. In order to think, avoid distractions. Try to answer questions or quiz yourself, rather than copying information. If you find something you don't understand, ask your teacher so they can either teach you or plan the topic into whole class revision.

https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/specification-at-a-glance