

Curriculum information for Science Year 11

Which exam board and course are used?	AQA – Trilogy (Combined Science) AQA – Single Sciences (Triple) – Biology, Chemistry, Physics	
What curriculum topics are being covered this year?	Topic numbers included in brackets – these link to the revision guide	
	Biology	Inheritance, Variation and Evolution (6), Ecology (7)
	Chemistry	Organic Chemistry (7), Chemical Analysis (8), Chemistry in the Atmosphere (9), Using Resources (10)
	Physics	Waves (6), Magnetism and Electromagnetism (7)
How many exams have students got and what is covered in each one?	Students sit a Paper 1 PPE for each Science in November/December and a Paper 2 PPE in March. These results are used to inform summer exam tier entries for students.	
	6 exams in total (Paper 1 & Paper 2 in each Science) to sit in May/June:	
	Biology	2x 1hr 15 mins (Combined) 2 x 1hr 45mins exams (Triple). Paper 1 – Topics (1), (2), (3), (4) & Paper 2 – (5), (6), (7)
	Chemistry	2x 1hr 15 mins (Combined) 2 x 1hr 45mins exams (Triple). Paper 1 – Topics (1), (2), (3), (4), (5) & Paper 2 – (6), (7), (8), (9), (10)* * Paper 2 Chemistry can include fundamental concepts from topics 1-3
	Physics	2x 1hr 15 mins (Combined) 2 x 1hr 45mins exams (Triple). Paper 1 – Topics (1), (2), (3), (4) & Paper 2 – (5), (6), (7), (8)
What should students be focusing on?	Key word definitions for all subjects. Practice calculations in all subjects. Memorising equations in Chemistry and Biology. (Physics equation sheet given in exams) Completing practice papers. Core questions on topic sheets Completing homework on Educake and setting self-tests on Educake to further revise.	
What is the best way for parents to support students in this subject?	• Ensure your child has a quiet area to do regular revision or homework on a weekly basis. • Encourage your child to leave their phone elsewhere when revising or completing homework • Ask your child to show you the work they have completed during this time. • Talk to your child about the topics they have been taught recently and how they link to previous topics; ask them what they have done in lesson that day. • Ensure students have got resources for revision/homework using the information below. • Encourage your child to engage in the scheduled revision which is posted on TEAMS and complete the relevant past paper questions (in the revision pack) and the associated educakes.	

What websites and resources would be helpful? What wider reading would be helpful? Where can I get resources?	• Educake – used for homework/revision - https://www.educake.co.uk/ • BBC bitesize – Combined - https://www.bbc.com/bitesize/examspecs/z8r997h • BBC bitesize – Single Sciences - https://www.bbc.com/bitesize/subjects/zrkw2hv • Free science lessons – https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw • Revision guides can be bought through the school shop. (Order online and then students can collect after 3 working days subject to availability) • AQA Website – Used to access past papers: ○ Combined Science: https://www.aqa.org.uk/subjects/science/gcse/science-8464/assessment-resources ○ Physics Triple: https://www.aqa.org.uk/subjects/physics/gcse/physics-8463/assessment-resources ○ Chemistry Triple: https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/assessment-resources ○ Biology Triple: https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/assessment-resources • Physics and Maths Tutor – Revision notes, past papers sorted by topic - https://www.physicsandmathstutor.com/
Have previous students got any tips or advice for this subject?	Start regular sessions of revision early – from the beginning of Year 11. Revise little and often to keep it fresh in your mind. Follow the Year 11 science revision schedule and watch the revision videos on Microsoft Teams, complete the questions in the past paper booklets and the additional educakes.