

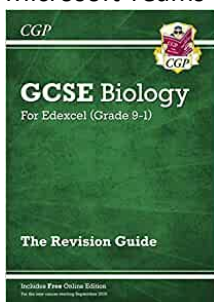
Single Science GCSE 9-1

Students should be revising for the paper 1 PPE's scheduled for 12th, 17th, 19th November 2020. These will be full Edexcel past paper's, comprising of 3 exams that are 100 marks each. Each exam will be 1 hour and 45 minutes. Students will need to be able to answer 1, 2, 3, 4, and 6 mark questions based on the following topics. Students will be assessed on combined science knowledge and additional single science topics. The units highlighted are the single science stand alone units. Within the other units there are also sections that are single science only. There will also be questions based on core practicals. A link to a list of the core practicals and videos are in the resources section at the bottom of this page:

Paper 1 Biology 12 th November	Paper 1 Chemistry 17 th November	Paper 1 physics 19 th November
Key Concepts in Biology (B1)	States of Matter Methods of Separating and Purifying Substances (C1,2)	Motion (P1)
Cells and Control (B2)	Atomic Structure (C3)	Motion and Forces (P2)
Genetics (B3)	The Periodic Table (C4)	Conservation of Energy (P3)
Natural Selection and Genetic Modification (B4)	Ionic Bonding, Covalent Bonding and Types of Substances (C5,6,7)	Waves (P4)
Health, Disease and the Development of Medicines (B5)	Acids and Alkalis (C8)	Light and the Electromagnetic Spectrum (P5)
	Calculations Involving Masses (C9)	Radioactivity (P6)
	Electrolytic Processes, Obtaining and Using Metals, Reversible Reactions and Equilibria (C10,11,12) Transition Metals, Alloys and Corrosion (C13)	Astronomy (P7)
	Quantitative Analysis, Dynamic Equilibria, Calculations Involving Volumes of Gases, Chemical Cells and Fuel Cells (C14,15,16)	

Students can use the following resources to aid their revision:

- Microsoft Teams – revision folders for each unit on Teams channels.



Revision guides and work books are available from Mr Chaytor. Please ensure you know your tier (higher or foundation) when purchasing.

Seneca Learning: <https://senecalearning.com/en-GB/>

BBC Bitesize: <https://www.bbc.co.uk/bitesize/examspecs/zqkww6f>

Oak Academy Lessons: <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/>

GCSE Pod: <https://www.gcsepod.com/>

Maths Made Easy: <https://mathsmadeeasy.co.uk/gcse-science-revision/>

Physics and Maths Tutor: <https://www.physicsandmathstutor.com/>

Core Practical Guide: <https://qualifications.pearson.com/content/dam/pdf/GCSE/Science/2016/teaching-and-learning-materials/GCSE-9-1-Sciences-core-practical-guide.pdf>

Core Practical Videos:

<https://www.youtube.com/watch?v=K5NMyVbV1Kg&list=PLJl5rFr3KefCFKjBumJGDtZhicK3ZOaQ>

Cognito: <https://cognitoresources.org/>