



Science

Revision Timetable

2024-2025

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subject: science

Whichever science course you are following, use this guidance so that you're ready for all six of your science exams. Remember that there are additional parts to the higher tier, and further additional parts to the separate science course.

Once we have finished teaching the course content, there will be planned revision lessons covering the main topics. You should also be working outside of lessons to complement this.

Remember, the worst revision is none at all. The second worst revision is simply to read/highlight. If you want it to stick, you *must* do something engaging that requires deeper thought, for example:

Making flash cards and then using them to self-quiz

Making a mind map/schema diagram

Writing a summary of what you have read and then rechecking it for errors/omissions etc.

Completing past papers under exam conditions

Using Seneca to revise specific topics you are less confident in

The exam dates for science exam are:

Bio 1 – 13 May (pm)

Phys 1 – 22 May (am)

Chem 2 – 13 June (am)

Chem 1 – 19 May (am)

Bio 2 – 09 June (pm)

Phys 2 – 16 June (pm)

The dates are the same for all tiers and all courses.

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	Biology	Chemistry	Physics
Half term 1			
Homework	Half term 1 homework booklets given out in all 3 subjects.: Booklets should be completed throughout the half term Seneca set weekly online for homework.		
Suggested revision at home (these match to the topics in the revision book)	B1 cell structure B2 cell transport B3 cell division	C1 The atom C2 covalent bonding C3 Ionic bonding, metallic bonding and structure	P1: energy stores and transfers P2: National and global energy resources P3: Supplying electricity
Homework due	Homework booklets due in WB: 14th October Each teacher will spend a lesson going through the booklets and providing feedback.		
Half term 2			
Homework	Half term 2 homework booklets given out in all 3 subjects. Seneca set weekly online for homework.		
Suggested revision at home	B4: organisation in animals B5: Enzymes B6: Organising plants	C4: The periodic table C5 quantitative chemistry C6: Chemical reactions	P4: Electric circuits P5: Energy of matter P6: Atoms
Homework due	Homework booklets due in WB: 16th December		
Half term 3	Intervention session to start: day to be confirmed		
	Half term 3/4 homework booklets given out in all 3 subjects. Seneca set weekly online for homework.		
Mock exams	Pupils will sit a full paper 1 in all 3 disciplines		
Suggested revision at home	B7: The spread of diseases B8: preventing and treating disease B9: non-communicable diseases B10: photosynthesis and respiration B11: The nervous system and homeostasis	C7: electrolysis C8: energy changes C9: Rate of reaction C10: equilibrium	P7: nuclear radiation P8: forces P9 speed
Half term 4			
Suggested revision at home	B12: hormonal coordination B13: variation B14: reproduction B15: evolution B16: adaptations	C11: Crude oil and fuels C12: chemical analysis C13: the Earth's Atmosphere C14: using the Earth's resources	P10 newtons laws of motion P11:Waves P12:Magnets and electromagnets
Mock exams	Pupils will sit a full paper 2 in all 3 disciplines		
Homework due	Homework booklets due in WB: 31st March		
For Easter holidays	Final homework booklets given out. Due in WB: 5th May		
Half term 5	Intervention to continue		

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Suggested revision at home	Practise of past paper questions, self-guided revision to topics of identifies weaknesses
	Revision to start in classes as curriculum is finished

If you have been completing the weekly Seneca and the half termly homework booklets, your revision started years ago.

Week beginning 5 May your exams will start. At that point, whether you have a lesson depends on your exam timetable for all subjects – you may be in an exam instead. You should still be revising. The table below contains suggested activities for the exam period:

5/5	<p>Bio paper 1 all topic schema</p> <p>Bio paper 1 flash card quizzing</p> <p>Watch a youtube video on bio paper 1 topics e.g. https://www.youtube.com/watch?v=mKYQ-K23Mr4&list=PL7O6CcKg0HaGnykp12D8yVee_SEQdaEHH and summarise the information.</p> <p>Use Seneca to revise bio paper 1 topics (1-4)</p>
12/5	<p>Tues 13th – Bio paper 1 exam</p> <p>Chem paper 1 all topic schema</p> <p>Chem paper 1 flash card quizzing</p> <p>Watch a youtube video on chem paper 1 topics e.g. https://www.youtube.com/watch?v=6k3ENCjOYos&list=PL7O6CcKg0HaGhn5E_LwNPH69bagsYQaJs and summarise the information.</p> <p>Use Seneca to revise chem paper 1 topics (1-5)</p> <p>Make sure you know any relevant equations and calculations – these are not provided</p>
19/5	<p>Mon 19th – Chem paper 1 exam</p> <p>Phys paper 1 all topic schema</p> <p>Phys paper 1 flash card quizzing</p> <p>The full equation sheet will be provided but make sure you are familiar with how to use each equation.</p>

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	<p>Watch a youtube video on phys paper 1 topics e.g. https://www.youtube.com/watch?v=fDtPLw-o3Nw&list=PL7O6CckG0HaFYC_J92AxS1pfepJJK8kxt and summarise the information.</p> <p>Use Seneca to revise phys paper 1 topics (1-4)</p> <p>Thurs 22nd – Phys paper 1 exam</p>
26/5 Half Term	<p>Begin additional revision for all paper 2 exams (see below) but also make some time to rest.</p>
2/6	<p>Bio paper 2 all topic schema</p> <p>Bio paper 2 flash card quizzing</p> <p>Watch a youtube video on bio paper 2 topics e.g. The Whole of AQA GCSE Biology Paper 2 9th June 2023 (youtube.com) and summarise the information.</p> <p>Use Seneca to revise bio paper 2 topics (5-7)</p>
9/6	<p>Mon 9th June – Bio paper 2 exam</p> <p>Chem paper 2 all topic schema</p> <p>Chem paper 2 flash card quizzing</p> <p>Watch a youtube video on chem paper 2 topics e.g. https://www.youtube.com/watch?v=HJu8WTtZJU&list=PL7O6CckG0HaHUrLB7pXnxW0IsHjGaX1V1 and summarise the information.</p> <p>Use Seneca to revise chem paper 2 topics (6-10)</p> <p>Fri 13th – Chem paper 2 exam</p> <p>Phys paper 2 all topic schema</p> <p>Phys paper 2 flash card quizzing</p> <p>Watch a youtube video on phys paper 2 topics e.g. The Whole of AQA GCSE Physics Paper 2 16th June 2023 (youtube.com) and summarise the information</p> <p>Use Seneca to revise phys paper 2 topics (5-7 for combined, 5-8 for separates)</p>
16/6	<p>Mon 16th June – Phys paper 2 exam</p>

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