
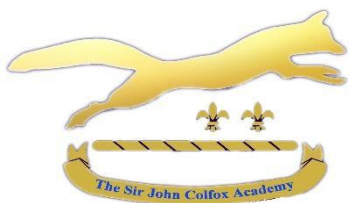


Exam Board	Recommended revision guide	Support available in school
AQA	 <p>CGP Combined Science Higher</p>	<p>Science support drop in sessions Monday lunchtimes, Mrs Neill A201</p> <p>Biology drop in sessions Monday lunchtimes, Miss Toralbo A204</p> <p>Chemistry drop in sessions Tuesday lunchtimes, Dr Sharma A203</p> <p>Physics drop in sessions Wednesday lunchtimes, Ms David A209</p> <p>Biology drop in sessions Thursday lunchtimes, Mr Wilson A205</p> <p>Physics drop in sessions Friday lunchtimes, Mr Bugler A202</p> <p>Revision after school Wednesday 3.30-4.15pm, everyone welcome. Rooms and topics to be announced.</p> <p>Revision guides, quiz cards and workbooks available in the library</p>

GCSE Physics Combined Higher Revision Schedule 2025-26



Useful online resources			Exam date(s)	
Physics and maths tutor - https://www.physicsandmathstutor.com – all past paper exam questions for all the sciences Seneca learning https://senecalearning.com/en-GB/ interactive revision, ask your teacher if you can't login Free science lessons https://www.freesciencelessons.co.uk/ Cognito https://cognitoedu.org/home Primrose Kitten revision videos and exam paper walk-throughs https://www.primrosekitten.com/ Kerboodle.com – interactive versions of the textbooks we use in class, ask your teacher if you do not know how to log in GCSE Physics online http://www.gcsephysicsonline.com Physics with Keith https://www.youtube.com/c/physicswithkeith			Biology paper 1 Tues 12 th May Chemistry paper 1 Mon 18 th May Physics paper 1 Tues 2 nd June Biology paper 2 Mon 8 th June Chemistry paper 2 Fri 12 th June Physics paper 2 Mon 15 th June	
Week beginning...	Topic	Content to revise	Complete (tick)	Weeks left
September/October				
Monday 22nd	Energy	Watch BBC Bitesize video on energy transfers - Create a mind map illustrating different stores of energy and their conversions - Solve practice problems involving energy calculations (e.g., kinetic energy, gravitational potential energy) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F1-Energy%2FSet-A%2FEnergy%20Change%20in%20a%20System%20QP.pdf		30
Monday 29th	Electricity	Draw and label a series and parallel circuit diagram - Revise and summarise the dangers of electricity - Use a simulation (PhET Interactive Simulations) to investigate the effect of changing resistance on current https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit-dc_all.html		29
Monday 6th	Particles Model of matter	Revise and explain the three states of matter and their particle arrangements - Create a diagram illustrating the changes of state and the energy involved - Investigate the diffusion of gases using household items		28

Monday 13th	Atomic structure	Revise the structure of an atom (protons, neutrons, electrons) - Learn about isotopes and their properties - Create a timeline of the development of the atomic model and practice 6 mark questions on the different atomic models e.g. Plum pudding, Rutherford model, nuclear model 1) https://www.youtube.com/watch?v=VeXpMijpazE&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=34 2) https://www.youtube.com/watch?v=zXw2cOSBB8E&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=36 3) https://www.youtube.com/watch?v=Q8y4x5EEIm8&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=32		27
Monday 20th	Atomic Structure	Watch the videos and create a summary page on why radiation is harmful and why it is used in medicine: 1) https://www.youtube.com/watch?v=Z4GV13xB00U&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=58 2) https://www.youtube.com/watch?v=gDrR_dVmqZk&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=59		26
Monday 27th	Paper 1	Practice sitting a Paper 1 past paper https://pmt.physicsandmathstutor.com/download/Science/GCSE/Past-Papers/AQA/Physics-1F/QP/June%202018%20QP.pdf		25
November				
Monday 3rd	Energy	Practice Gravitational potential and kinetic energy questions, using the equations. Complete the worksheet attached to the video https://www.gcsephysicsonline.com/gravitational https://www.gcsephysicsonline.com/kinetic		24
Monday 10th	Particles	Make a mind map for the required practical for specific heat capacity using this video to help. https://www.gcsephysicsonline.com/practical-shc		23
Monday 17th	Electricity	Create a summary poster on the whole topic of electricity using this video to help you remember. https://www.youtube.com/watch?v=CEBfn4ndQWI&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sg		22
Monday 24th	Atomic Structure	Practice half-life calculations questions https://www.gcsephysicsonline.com/half-life https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F4-Atomic-Structure%2FSet-C%2FAtoms%20and%20Nuclear%20Radiation%20(H)%20QP.pdf		21
December				

Monday 1st	Paper 1 practice	Complete a complete paper 1 in the 1 hour 15 minutes that you would get in your real GCSE. See how far you get in that time. https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FScience%2FGCSE%2FPast-Papers%2FAQA%2FPhysics-1F%2FQP%2FJune%202019%20QP.pdf		20
Monday 8th	Forces and Motion	Complete a mind map on the acceleration required practical from the forces topic. https://www.gcsephysicsonline.com/practical-acceleration		19
Monday 15th	Forces and Motion	Watch the video on Moments and complete the worksheet attached to the video https://www.gcsephysicsonline.com/moments		18
January				
Monday 5th	Forces and Motion	Practice Momentum questions – watch the video and complete the worksheet attached to the video https://www.gcsephysicsonline.com/more-momentum		17
Monday 12th	Waves	Watch the video on the electromagnetic spectrum and complete a mind map on the properties of each type of wave from the EM spectrum https://www.youtube.com/watch?v=7v2gs8rdQzU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=65		16
Monday 19th	Forces and motion	Watch a video on Newton's Laws of Motion https://www.youtube.com/watch?v=i5PtaCJJFjw&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=57 - Solve problems involving speed, velocity, and acceleration - Investigate the effect of friction on the motion of an object		15
Monday 26th	Waves	Revise the properties of waves (amplitude, wavelength, frequency) - Investigate the reflection and refraction of light using a ray box - Learn about the electromagnetic spectrum and its applications https://www.youtube.com/watch?v=WDBtOeXUdWQ&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=63		14
February				
Monday 2nd	Electromagnetic waves	Revise the order and properties of the electromagnetic waves and complete the worksheet attached to the video https://www.gcsephysicsonline.com/em-spectrum		13
Monday 9th	Forces and Motion	Watch the video on resolving forces and complete the worksheet that is attached to the video https://www.gcsephysicsonline.com/resolving-forces		12

Monday 16th	Energy	<p>Complete a practice questions on energy calculations https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F1-Energy%2FSet-B%2FEnergy%20(H)%20QP.pdf</p> <p>Test yourself on key terms and definitions related to energy https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FNotes%2FAQA%2F1-Energy%2FDefinitions.pdf - Identify and review any areas where you need further clarification</p>		11
Monday 23rd	Electricity	<p>Re-draw circuit diagrams from memory including all the circuit symbols - Answer questions on electrical circuits https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F2-Electricity%2FSet-B%2FElectronics%20(H)%20QP.pdf - Practice a 6 mark question on the required practical measuring resistance</p>		10
March				
Monday 2nd	Particles of Matter	<p>Explain the processes of evaporation and condensation - Create a concept map linking the states of matter and their properties - Practice exam questions on the topic https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F3-Particle-Model-of-Matter%2FSet-B%2FParticle%20Model%20of%20Matter%20(H)%20QP.pdf</p>		9
Monday 9th	Atomic structure	<p>Practice drawing and labelling diagrams of atoms - Answer questions on isotopes and relative atomic mass. Practice exam questions https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F4-Atomic-Structure%2FSet-B%2FAtomic%20Structure%20(H)%20QP.pdf</p>		8
Monday 16th	Forces and motion	<p>Solve past paper questions on forces and motion calculations - Create flashcards for key formulas (e.g., $F=ma$, $v=d/t$) and ensure that you know how to apply them https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F5-Forces%2FSet-B%2FForces%20(H)%20QP.pdf</p>		7

Monday 23rd	Waves	Summarise the key properties of different types of waves (e.g., sound waves, light waves) - Practice drawing wave diagrams and correctly label each part and identify any equations linked. Practice questions https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F6-Waves%2FSet-B%2FWaves%20(H)%20QP.pdf		6
Monday 30th	Magnetism and Electromagnetism	Explain how a motor works in poster format – include a labelled diagram and explanation of what each part does. Ensure that you know if a motor works for AC or DC current. https://www.youtube.com/watch?v=evWpDrRAyCc&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=81		5
April				
Monday 6th	Waves	Summarise the key properties of different types of waves (e.g., sound waves, light waves) - Practice drawing wave diagrams and correctly label each part and identify any equations linked. Practice questions https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F6-Waves%2FSet-B%2FWaves%20(H)%20QP.pdf		4
Monday 13th	Magnetism and Electromagnetism	Explain how an electromagnet works - Revise real-world applications of electromagnetism. Ensure that you understand the left hand rule and how to apply. Practice questions https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F7-Magnetism-and-Electromagnetism%2FSet-B%2FMagnetism%20and%20Electromagnetism%20(H)%20QP.pdf		3
Monday 20th		Explain the difference between alpha, beta and gamma radiation – ensure that you know the practical that shows the different penetrating powers of the 3 types of radiation and any safety precautions. https://www.youtube.com/watch?v=VeXpMijpazE&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=55 Complete https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F4-Atomic-Structure%2FSet-C%2FAtoms%20and%20Nuclear%20Radiation%20(H)%20QP.pdf		2
Monday 27th	Paper 1 Practice	Complete a full practice paper for Paper 1 - Analyse your performance and identify areas for improvement https://www.gcsephysicsonline.com/files/ugd/204049_30a21a3677de465cad1f0aa365a1810d.pdf		1

May

Monday 4th	Paper 2 Practice	Complete a full practice paper for Paper 2 - Analyse your performance and identify areas for improvement https://www.physicsandmathstutor.com/past-papers/gcse-physics/aqa-paper-2/		0
Monday 11th	Energy and Electricity	Answer a mixed set of questions on energy and electricity - Identify and review any areas of confusion and discuss with your teacher 1) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F1-Energy%2FSet-A%2FChanges%20in%20Energy%201%20QP.pdf 2) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F1-Energy%2FSet-A%2FEfficiency%201%20QP.pdf		0
Monday 18th	Particle model & Atomic structure	Answer a mixed set of questions on the particle model and atomic structure 1) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F3-Particle-Model-of-Matter%2FSet-A%2FInternal%20Energy%201%20QP.pdf 2) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F4-Atomic-Structure%2FSet-A%2FAtoms%20%26%20Nuclear%20Radiation%201%20QP.pdf		0
Monday 25th	Forces and Waves	Answer a mixed set of questions on forces and waves - Identify and review any areas of confusion 1) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F5-Forces%2FSet-A%2FForces%20%26%20Braking%201%20QP.pdf 2) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F6-Waves%2FSet-A%2FWaves%201%20QP.pdf		0

June

Monday 1st	Magnetism and Space	<p>Answer a mixed set of questions on magnetism and space physics - Create a summary sheet of key concepts</p> <ol style="list-style-type: none"> 1) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F7-Magnetism-and-Electromagnetism%2FSet-A%2FMotor%20Effect%201%20QP.pdf 2) https://www.physicsandmathstutor.com/pdf-pages/?pdf=https%3A%2F%2Fpmt.physicsandmathstutor.com%2Fdownload%2FPhysics%2FGCSE%2FTopic-Qs%2FAQA%2F8-Space-Physics%2FSet-A%2FRed%20Shift%201%20QP.pdf 		0
Monday 8th	General review	Review all key concepts from both papers - Create a list of common misconceptions and how to avoid them - practice more past paper questions from paper 2		0
Monday 15th	Paper 2 Prep	Physics paper 2 Monday 15 th June		0