




Key

	Consolidation task (mandatory)		Extended task (opt in)
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Year	Autumn	Spring	Summer
9		<p>Complete 'Rearranging Equations' booklet.</p> <p>Watch the following videos and produce a summary of what you have watched.</p> <ul style="list-style-type: none"> ▶ Can 100% renewable energy power the world? - Fed... ▶ How much land does it take to power the world? <p>Complete Seneca tasks on Energy Resources (1.3) and Particle Model of Matter (3.1, 3.2, 3.3).</p> <p>Watch GCSEPods on Energy Resources (4.1.3) and Particle Model of Matter (4.3).</p> <p>Follow the link to Maths and Physics Tutor (AOA GCSE (9-1) Physics Revision - PMT). Find the past paper questions on Energy Resources and Particle Model of Matter. Answer and use the mark schemes to check your answer. If you have any questions go and ask your Physics teacher.</p>	<p>Complete Energy required practical booklet for your appropriate tier.</p> <p>Watch the following videos and produce a summary of what you have watched.</p> <ul style="list-style-type: none"> ▶ What are they up to now? Hot stuff: when radioacti... <p>Complete Seneca tasks on Atomic Structure (4) and Energy Calculations (1.1, 1.2)</p> <p>Watch GCSEPods on Atomic Structure (4.4) and Energy Calculations (4.1)</p> <p>Follow the link to Maths and Physics Tutor (AOA GCSE (9-1) Physics Revision - PMT). Find the past paper questions on Energy Calculations and Atomic Structure. Answer and use the mark schemes to check your answer. If you have any questions go and ask your Physics teacher.</p>
10		<p>Complete Density Required Practical homework sheet (F, H, T differentiated) in preparation for revision for exams</p> <p>Watch Forces of Nature with Brian Cox on BBC iPlayer.</p>	<p>Complete Waves required practical booklet for your appropriate tier.</p>

		<p>Go to BBC Bitesize GCSE, AQA Trilogy, Physics, Forces Complete revision and tests for: Scalar and vector quantities Contact and non contact forces Gravity Forces and elasticity Describing motion Forces, acceleration and Newton's laws Momentum (Higher only)</p> <p>Go to GCSEPhysicsOnline.com and watch the GCSE Forces FREE videos on scalars vectors, forces, resultant forces, distance and speed</p> <p>Go to physics and maths tutor GCSE Physics revision, AQA, Forces and complete the example exam questions. Use the markschemes to mark your work and show your teacher</p>	<p>Watch the following videos and produce a summary of what you have watched.</p> <p> What do gravitational waves sound like? - with Tess...</p> <p>Complete Seneca tasks on Waves (6) and Space (Separate only - 8).</p> <p>Watch GCSEPods on Waves (4.6) and Space (Separate only - 4.8).</p> <p>Follow the link to Maths and Physics Tutor (AQA GCSE (9-1) Physics Revision - PMT). Find the past paper questions on Waves and Space (Separate only). Answer and use the mark schemes to check your answer. If you have any questions go and ask your Physics teacher.</p>
<p>11</p>	<p>Over the October half-term, complete the past-exam questions on Series and Parallel Circuits.</p> <p>Complete the booklet associated with your course (i.e. Foundation, Higher or Triple) from Science Doctor as further consolidation of a topic that you are struggling with from Years 9 and 10 (i.e. P1 - Energy, P3 - Particle Model of Matter, P4 - Atomic Structure, P5 - Forces, P6 - Waves or P8 - Space). You can self assess using the answer booklet that is linked below on that page, or ask your teacher for help if you are stuck with any of the content. Make sure to ask your teacher for a physical copy of the booklet if you need one.</p>	<p>Research answers and complete the 'Paper 1 - Recap' booklet. Make sure to hand it in to your teacher before February half-term.</p> <p>Go to the Cognito Resources website and make summary notes from one of the topic videos. Then, head over to Study Mind and find the relevant past-paper questions associated with that topic. Make sure to self-assess and bring in/post on the Google Classroom to show your teacher.</p>	<p>Complete the 'Maths in Physics' booklet, which involves working with significant figures, standard form and percentages.</p> <p>Ask your Physics teacher for an exam-style question pack from previous years (pre-2018) that you can attempt with a mark scheme. This will be valuable extra practice that will help in the run-up to your GCSE Examinations.</p>
<p>12</p>	<p>There is an expectation throughout the A level Physics course that students will ensure that they complete all lesson activities and use the provided textbooks and online resources (e.g. Physics and Maths Tutor, Study Mind, The Online Physics Tutor) to ensure that they produce high-quality notes. They should bring any questions that they have to weekly drop-in sessions or directly to their Physics teachers in lessons.</p> <p>Students are expected to identify areas of weakness within the specification and ask teachers for further questions on topics that they are struggling with from the following link which has copious amounts of Past-Paper A-Level Physics Questions, which are a great, tried and tested way to improve their progress in Physics.</p>		

<p>13</p>	<p>Past-exam question booklets on the following topics</p> <p>Teacher 1 - Particles and Radiation Electricity</p> <p>Teacher 2 - Materials</p>	<p>Past-exam question booklets on the following topics</p> <p>Teacher 1 - Waves</p> <p>Teacher 2 - Mechanics</p>	<p>Past-exam question booklets on the following topics</p> <p>Teacher 1 - Nuclear Physics</p> <p>Teacher 2 - Thermal Physics</p>
	<p>Past-exam question booklets on the following topics</p> <p>Astrophysics Further Mechanics Gravitational Fields</p>	<p>Past-exam question booklets on the following topics</p> <p>Electric Fields Capacitance Magnetic Fields</p>	<p>In the final term, homework will be focussed around revision and bespoke areas of need for each individual student.</p> <p>Past exam papers (including mark schemes) are available from Revision Science.</p>