

Year 12 Physics Checklist

Subject	Paper	Duration
Physics	AS paper – short + long answer questions + MC	All 2 hours
What to revise	How to revise it	
1	Section 1: Particles and Radiation <ul style="list-style-type: none"> • Particles and Radiation • Quarks and leptons • Quantum phenomena 	<ul style="list-style-type: none"> • Revisit notes and create revision resources • Use student revision checklists • Class text book p2-46 • Exam Style questions (at the end of each chapter) • Summary (more exam style) p 48 • Answer available at: https://global.oup.com/education/content/secondary/series/aqa-a-level-sciences/aqa-a-level-sciences-student-book-answers/?region=uk • 'Physicsonline' and 'Snaprevise' YouTube channels • https://www.physicsandmathstutor.com/ - Extra Questions • https://senecalearning.com/en-GB/ - Better to revise knowledge
2	Section 2: Waves and Optics <ul style="list-style-type: none"> • Waves • Optics 	<ul style="list-style-type: none"> • Revisit notes and create revision resources • Use student revision checklists • Class text book p50-90 • Exam Style questions (at the end of each chapter) • Summary (more exam style) p 92 • Answer available at: https://global.oup.com/education/content/secondary/series/aqa-a-level-sciences/aqa-a-level-sciences-student-book-answers/?region=uk • 'Physicsonline' and 'Snaprevise' YouTube channels • https://www.physicsandmathstutor.com/ - Extra Questions • https://senecalearning.com/en-GB/ - Better to revise knowledge
3	Section 3: Mechanics and materials: <ul style="list-style-type: none"> • Forces in equilibrium • On the move • Newton's laws of Motion • Force and momentum • Work energy and Power • Materials 	<ul style="list-style-type: none"> • Revisit notes and create revision resources • Use student revision checklists • Class text book p94-196 • Exam Style questions (at the end of each chapter) • Summary (more exam style) p 92 • Answer available at: https://global.oup.com/education/content/secondary/series/aqa-a-level-sciences/aqa-a-level-sciences-student-book-answers/?region=uk • 'Physicsonline' and 'Snaprevise' YouTube channels • https://www.physicsandmathstutor.com/ - Extra Questions • https://senecalearning.com/en-GB/ - Better to revise knowledge
4	Section 4: Electricity: <ul style="list-style-type: none"> • Electric Current • DC circuits 	<ul style="list-style-type: none"> • Revisit notes and create revision resources • Use student revision checklists • Class text book p200-232 • Exam Style questions (at the end of each chapter) • Summary (more exam style) p 234 • Answer available at: https://global.oup.com/education/content/secondary/series/aqa-a-level-sciences/aqa-a-level-sciences-student-book-answers/?region=uk • 'Physicsonline' and 'Snaprevise' YouTube channels

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