

YEAR 11 ASSESSMENT MANIFEST



CORE SUBJECTS - SUMMER EXAMS

NAME:

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Assessment Manifests - What I need to know

What is an Assessment Manifest?

An Assessment Manifest is a personalised revision checklist for an examination. This booklet includes a list of your subjects with specific revision information for your upcoming summer examinations.

Why do I use this?

There is so much information you need to know for your summer GCSEs, this allows you to keep track of what you do and do not know, as well as ensuring you spread revision out throughout the year.

How do I use this?

You use this booklet as a checklist of your revision. By tracking your revision, you can easily tell if there is something you have studied more, or less. This is great for you to take charge of your own learning and make sure you are successful. From the example below, you can see the student is tracking their revision with codes, and they can see what they have and have not revised so far.

English Language Revision Checklist

| Topic | Suggested Revision | Revision Code and Date | | | | | |
|---|---|------------------------|----------|---------|--|--|--|
| Language Papers | | | | | | | |
| Paper 1 - Section A question 1 Information retrieval | Snap reading P4-5 | R 30/9 | LSQ 1/10 | | | | |
| Paper 1 - Section A question 2 language analysis | Snap reading P12-15 | | | | | | |
| Paper 1 - Section A question 3 structure | Snap reading P16-17 | F 10/9 | | | | | |
| Paper 1- Section A question 4 evaluation of a text against a statement | Youtube Mr Bruff AQA English Language Paper 1 Question 4 Mr Salles updated Question 4 Paper 1 Walk Through | | | | | | |
| Paper 1 - Section B creative writing | Snap writing p18-21 | CH 18/9 | EQ 30/9 | O 12/10 | | | |
| Both - Punctuation, sentence structures, paragraphing, grammar rules and tenses | Snap writing p6-13 | | | | | | |

| Revision Codes | | | | | | | | | |
|----------------|------------|---------------------|-------------------|-----------------|-------------------|-----------------------|------------|---------------|--------------------|
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English Language Revision Checklist

| Topic | Suggested Revision | Revision Code and Date | | | | | |
|--|--|------------------------|--|--|--|--|--|
| Language Papers | | | | | | | |
| Paper 1 - Section A question 1 Information retrieval | Youtube AQA tutorials, we recommend Mr Bruff but there are many to choose from. Complete past papers for practise. | | | | | | |
| Paper 1 - Section A question 2 language analysis | Youtube tutorials, we recommend Mr Bruff but there are many to choose from. Complete past papers, use your KO for learning key terminology and useful phrases to include in your response. | | | | | | |

Revision Codes

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|--|---|--|--|--|--|--|--|--|--|
| Paper 1 - Section A question 3 structure | Youtube AQA tutorials, we recommend Mr Bruff but there are many to choose from. Complete past papers and use your KO for useful terminology and phrases to help respond to the question. Seneca past assignments. | | | | | | | | |
| Paper 1- Section A question 4 evaluation of a text against a statement | Youtube AQA tutorials, we recommend Mr Bruff but there are many to choose from. Complete past papers and use your KO for useful terminology and phrases to help respond to the question. Seneca past assignments. | | | | | | | | |

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|--|--|--|--|--|--|--|--|--|--|
| Paper 1 - Section B creative writing | Youtube AQA tutorials, we recommend Mr Bruff but there are many to choose from. Complete past papers and use your KO for useful terminology and phrases to help respond to the question. Seneca past assignments | | | | | | | | |
| Both - Punctuation, sentence structures, paragraphing, grammar rules and tenses | Seneca KS3 SPAG, Mr Bruff youtube tutorials, deliberate practice of past paper questions. | | | | | | | | |
| Both - paragraphs, opening and closing paragraphs and discourse markers | Seneca KS3 SPAG, Mr Bruff youtube tutorials, deliberate practice of past paper questions. | | | | | | | | |
| Paper 2 -reading viewpoints and form, purpose and audience:diaries, letters, autobiography/biography/travel writing/journalism/reviews | https://www.youtube.com/watch?v=93eA7cttZCM Past Seneca assignments | | | | | | | | |

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| Paper 2 Section A Synthesis/summary of a text - question 2 | Use your KO for sentence starters to help you answer. Mr Bruff AQA tutorials on youtube, deliberate practice of past papers, also How to answer...tutorials give model answers. | | | | | | | |
| Paper 2 Section A question 3 Language analysis | Use your KO for sentence starters to help you answer. Mr Bruff AQA tutorials on youtube, deliberate practice of past papers, also How to answer...tutorials give model answers. | | | | | | | |
| Paper 2- Section B Form and conventions of writing | Use your KO for sentence starters to help you answer. Mr Bruff AQA tutorials on youtube, deliberate practice of past papers, also How to | | | | | | | |

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| | answer...tutorials give model answers. Read broadsheet newspaper articles, magazine articles, listen to speeches on the news to broaden your perspective on a range of topics. | | | | | | | | |
| Paper 2 -Section B non fiction writing - task, audience, purpose and audience | Mr Bruff AQA tutorials on youtube, deliberate practice of past papers, also How to answer...tutorials give model answers. Read newspaper articles in broadsheet newspapers to broaden your perspective on world events and expose you to a range of persuasive techniques. | | | | | | | | |
| Paper 2 Section A question 4 comparing writer's attitudes and methods | Use your KO for sentence starters to help you answer. Mr | | | | | | | | |

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|--|--|--|--|--|--|--|--|--|--|
| | | | Bruff AQA tutorials on youtube, deliberate practice of past papers, also How to answer...tutorials give model answers. | | | | | | |
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English Literature Revision Checklist

| Topic | Revision Codes and Dates | | | | | | | | | |
|--|--------------------------|--|--|--|--|--|--|--|--|--|
| Lord of the Flies *after half term | | | | | | | | | | |
| Quotations: Seneca revision AQA Lord of the Flies Quotations | | | | | | | | | | |
| AQA Lord of the Flies Dr Aidan tutorials on Youtube - use the | | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Cornell notes booklet to record takeaways. | | | | | | | | | | | | | | |
| AQA Lord of the Flies Mr Bruff tutorials on Youtube. Use the Cornell booklets to record takeaways. | | | | | | | | | | | | | | |
| LOTF Top 10 quotations- revision materials supplied after Christmas in time for half term revision. | | | | | | | | | | | | | | |
| Champions Revision Booklet. To refresh the plot, read the chapter synopsis and answer the 10 questions on each chapter then use them for QLAs | | | | | | | | | | | | | | |
| A Christmas Carol * * Before half term | | | | | | | | | | | | | | |
| Quotations: Seneca revision AQA A Christmas Carol Quotations | | | | | | | | | | | | | | |
| A Christmas Carol in 10 quotes- revision material supplied. | | | | | | | | | | | | | | |
| A Christmas carol Champions revision - plot synopsis- material supplied | | | | | | | | | | | | | | |
| Mr Bruff tutorials- there are many to choose from | | | | | | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Dr Aidan tutorials- there are many to chose from. | | | | | | | | | | | | | | |
| Champions Revision Booklets. To refresh the plot, read the Stave synopsis and answer the 10 questions. | | | | | | | | | | | | | | |
| Macbeth **Before half term | | | | | | | | | | | | | | |
| Quotations: Seneca revision AQA Macbeth quotations | | | | | | | | | | | | | | |
| AQA Macbeth Mr Bruff tutorials on Youtube. Use your Cornell notes booklets to record takeaways. | | | | | | | | | | | | | | |
| Macbeth Top 10 quotations - revision material supplied. | | | | | | | | | | | | | | |
| Champions' Revision Booklets to refresh the plot. Simply read the synopsis and answer the 10 questions | | | | | | | | | | | | | | |
| Dr Aidan AQA Macbeth revision tutorials- use the Cornell notes to record takeaways. | | | | | | | | | | | | | | |

Revision Codes

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| Unseen Poetry *After half term | | | | | | | | | | | | | | |
| Unseen poetry: part 1 Mr Bruff https://www.youtube.com/watch?v=_oKY_RRM-Wg | | | | | | | | | | | | | | |
| Unseen Poetry: part 2 Mr Bruff First poem analysis 24 marks https://www.youtube.com/watch?v=2gwU26kNKGM | | | | | | | | | | | | | | |
| Unseen poetry: Part 3 Mr Bruff Comparison of second poem 8 Marks https://www.youtube.com/watch?v=XXGogtEf-Rk | | | | | | | | | | | | | | |
| Tackling AQA unseen poetry tutorials with Mr Bruff on Youtube | | | | | | | | | | | | | | |
| How to... a range of tutorials on youtube which guide you through examples of unseen poetry. | | | | | | | | | | | | | | |
| AQA Love and Relationships Anthology *After half term | | | | | | | | | | | | | | |

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| Key quotations: Seneca revision AQA L&R quotations | | | | | | | | | | | | | | |
| Key quotations: materials supplied after Christmas in time for half term revision. | | | | | | | | | | | | | | |
| Poems: your annotated anthology | | | | | | | | | | | | | | |
| AQA Love and Relationships Poetry tutorials on Youtube with Mr Bruff Watch the tutorials and record your takeaways in your Cornell Notes booklet. | | | | | | | | | | | | | | |
| Champions Revision Booklet - simply reread the poem and then answer the questions to help you revise the form, structure, techniques and language of each poem. | | | | | | | | | | | | | | |

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Maths Foundation Sparx Revision Checklist

| Number | Topics | Topic Code | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|
| Arithmetic | Money | U478, U293, U868, U881, U554, U916, U349 | | | | | | | |
| | Four operations | U417, U478, U735, U127, U293, U453, U868, U976 | | | | | | | |
| | Negative number | U947, U742, U548 | | | | | | | |
| Fractions | Order fractions, decimals, percentages | U746, U439, U594 | | | | | | | |
| | Fraction of an amount | U881, U916 | | | | | | | |
| | One amount as a fraction of another | U916 | | | | | | | |
| | Fraction arithmetic | U736, U793, U475, U224, U544, U538, U874 | | | | | | | |
| | Equivalent fractions | U704 | | | | | | | |
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| | Multiples | U751 | | | | | | | | |
| | Factors | U211, U529 | | | | | | | | |
| | Lowest Common Multiple | U751, U250 | | | | | | | | |
| | Properties | Place va | | | | | | | | |
| | | Order in | | | | | | | | |
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| | | | | | | | | | | |
| | Product of prime factors | U739, U250 | | | | | | | | |
| Powers and roots | Square root | U851 | | | | | | | | |
| Standard form | Conversion | U330, U534 | | | | | | | | |
| | Calculation | U264, U290 | | | | | | | | |

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| Number (continued) | Topics | Topic Code | | | | | | |
|------------------------------|----------------------|------------------------|--|--|--|--|--|--|
| Approximation and Estimation | Rounding | U480, U298, U731, U965 | | | | | | |
| | Estimation | U225 | | | | | | |
| | Error interval | U657 | | | | | | |
| Other | Mathematical symbols | U600 | | | | | | |
| | Calculator use | U926 | | | | | | |

| Algebra | Topics | Topic Code | | | | | | | |
|--------------|-----------------------------|------------------|--|--|--|--|--|--|--|
| Manipulation | Simplification | U105, U662 | | | | | | | |
| | Expansion of bracket | U179, U768 | | | | | | | |
| | Factorisation | U365, U178 | | | | | | | |
| | Substitute values | U201, U585, U144 | | | | | | | |
| | Change subject of a formula | U556 | | | | | | | |

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| Equations and inequalities | Forming an expression | U613 | | | | | | | | |
| | Laws of indices | U662 | | | | | | | | |
| | Linear equation | U755, U325, U870 | | | | | | | | |
| | Linear inequality | U509, U759, U738, U145, U337 | | | | | | | | |
| | Linear simultaneous equations | U760, U757, U836, U137 | | | | | | | | |
| | Form an equation | U599 | | | | | | | | |
| Graphs | Quadratic equation | U228 | | | | | | | | |
| | Coordinates | U789, U889 | | | | | | | | |
| | Straight line graph | U741, U315, U669, U477, U848, U638, U862, U652 | | | | | | | | |
| | Quadratic graph | U601, U989, U667 | | | | | | | | |
| Algebra (continued) | Topics | Topic Code | | | | | | | | |
| Functions | Number machines | M175, M428 | | | | | | | | |
| Sequences | Linear sequence | U213, U530, U498, U978 | | | | | | | | |

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| Ratio, proportion, and rates of change | Topics | Topic Code | | | | | | | |
|--|---|------------------------|--|--|--|--|--|--|--|
| Conversion | Length, mass, time, area | U388, U902, U248 | | | | | | | |
| | Compound units | U151, U256, U910, U527 | | | | | | | |
| | Scale drawing | U257 | | | | | | | |
| Percentages | Percentage to fraction | U888 | | | | | | | |
| | Decimal to percentage | U888 | | | | | | | |
| | Percentage of an amount | U554 | | | | | | | |
| | Percentage increase/decrease | U773, U278, U671 | | | | | | | |
| | Percentage profit | U671, U278 | | | | | | | |
| | One quantity as a percentage of another | U349 | | | | | | | |
| | Depreciation | U988 | | | | | | | |
| | Reverse percentage | U286 | | | | | | | |
| Ratio | Write as a ratio | U687 | | | | | | | |

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| | Share in a ratio | U577 | | | | | | | |
| | Use of ratio | U753, U176, U577 | | | | | | | |
| | 1:n form | U687 | | | | | | | |

| Ratio, proportion, and rates of change (continued) | Topics | Topic Code | | | | | | | |
|--|---------------------|------------------|--|--|--|--|--|--|--|
| Proportion | Direct proportion | U721, U640, U238 | | | | | | | |
| | Currency conversion | U610 | | | | | | | |
| Compound Measures | Speed | U151 | | | | | | | |
| | Average speed | U151, U462 | | | | | | | |
| | Density | U910 | | | | | | | |

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| Geometry and measures | Topics | Topic Code | | | | | | | |
|-----------------------|------------------------------------|------------------------------------|--|--|--|--|--|--|--|
| Shape | Triangle properties | U121 | | | | | | | |
| | Quadrilaterals | U121 | | | | | | | |
| | Polygons | U121 | | | | | | | |
| | Triangular prism | U719 | | | | | | | |
| | Circles | U767, U604, U950 | | | | | | | |
| | Parallel and perpendicular lines | U121 | | | | | | | |
| | Reflection | U799 | | | | | | | |
| | Transformations | U196, U799, U696, U519, U134, U766 | | | | | | | |
| | Plan and elevation | U743 | | | | | | | |
| Angles | Angles in a triangle | U628 | | | | | | | |
| | Vertically opposite angles | U730 | | | | | | | |
| | Angle properties of parallel lines | U826 | | | | | | | |

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| Geometry and measures (continued) | Topics | Topic Code | | | | | | | |
|---------------------------------------|----------------------------|------------|--|--|--|--|--|--|--|
| Angles (continued) | Angles in a polygon | U427 | | | | | | | |
| | Bearings | U525, U107 | | | | | | | |
| Length, area, and volume | Area of a rectangle | U993 | | | | | | | |
| | Area of a triangle | U945, U343 | | | | | | | |
| | Area of a trapezium | U265, U343 | | | | | | | |
| | Volume of a cube | U786 | | | | | | | |
| | Volume of a cylinder | U915 | | | | | | | |
| Pythagoras's Theorem and Trigonometry | Pythagoras's Theorem | U385 | | | | | | | |
| | Exact trigonometric values | U627 | | | | | | | |

Revision Codes

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| Probability | Topics | Topic Code | | | | | | | |
|-------------|-------------------|------------------------------------|--|--|--|--|--|--|--|
| Probability | Probability scale | U803, U408, U510 | | | | | | | |
| | Probability | U803, U408, U510, U683, U166, U580 | | | | | | | |
| | Frequency tree | U280 | | | | | | | |
| | Tree diagram | U558, U729 | | | | | | | |
| | Combined events | U104 | | | | | | | |

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| Statistics | Topics | Topic Code | | | | | | | |
|------------|-----------------------------|--|--|--|--|--|--|--|--|
| Diagrams | Pictogram | U506 | | | | | | | |
| | Bar chart | U363, U557 | | | | | | | |
| | Interpret graph | U193, U277 | | | | | | | |
| | Two-way table | U981 | | | | | | | |
| | Frequency table | U981, U312 | | | | | | | |
| | Stem and leaf diagram | U200, U909 | | | | | | | |
| | Frequency polygon | U840 | | | | | | | |
| Measures | Mode, median, mean, range | U260, U569, U854, U456, U291, U877, U526 | | | | | | | |
| Population | Comparison of distributions | U520 | | | | | | | |

| Revision Codes | | | | | | | | | |
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| F - Flashcards | S - Seneca | EQ - Exam Questions | C - Cornell Notes | M - Memory Dump | CH - Champions Hr | LSQ - Low Stakes Quiz | Sp - Sparx | R - Retrieval | O - Other Revision |

Maths Higher Sparx Revision Checklist

| Number | Topics | Topic Code | | | | | | | |
|------------------|---------------------------------|--|--|--|--|--|--|--|--|
| Arithmetic | Negative number | U947, U742, U548 | | | | | | | |
| Fractions | Fraction of an amount | U881 | | | | | | | |
| | Fraction arithmetic | U736, U793, U475, U224, U544, U538, U874 | | | | | | | |
| | Recurring decimal to fraction | U689 | | | | | | | |
| Properties | Product of prime factors | U739, U250 | | | | | | | |
| | Laws of indices | U235, U694 | | | | | | | |
| | Negative and fractional indices | U694, U985, U772 | | | | | | | |
| Powers and roots | Simplification of surds | U338 | | | | | | | |
| Standard form | Conversion | U330, U534 | | | | | | | |
| | Calculation | U264, U290 | | | | | | | |

Revision Codes

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| Approximation and estimation | Error interval | U657, U587 | | | | | | |
| | Bounds | U587 | | | | | | |
| Other | Use of a calculator | U926 | | | | | | |
| | Product rule for counting | U369 | | | | | | |

| Algebra | Topics | Topic Code | | | | | | |
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| Manipulation | Simplification | U105, U662 | | | | | | |
| | Expansion of bracket | U179 | | | | | | |
| | Factorisation | U365, U178, U858, U963 | | | | | | |
| | Laws of indices | U235, U694, U662 | | | | | | |
| | Substitute values | U201, U585, U144 | | | | | | |
| | Change subject of a formula | U556 | | | | | | |
| | Forming an expression | U613 | | | | | | |
| Algebra (continued) | Topics | Topic Code | | | | | | |

Revision Codes

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| Manipulation (continued) | Expansion of brackets | U768, U606 | | | | | | | |
| | Difference of two squares | U963 | | | | | | | |
| | Algebraic fractions | U103, U437, U294, U685, U457, U824 | | | | | | | |
| Equations and inequalities | Linear equation | U755, U325, U870, U505 | | | | | | | |
| | Form an equation | U599 | | | | | | | |
| | Set up and solve equation | U599 | | | | | | | |
| | Linear inequality | U509, U759, U738, U145, U337 | | | | | | | |
| | Quadratic equation | U228, U960, U589, U665, U150, U601 | | | | | | | |
| | Quadratic inequality | U133 | | | | | | | |
| | Equations of parallel lines | U377 | | | | | | | |
| | Equation of a tangent to a circle | U567 | | | | | | | |
| Simultaneous equations linear/quadratic | U760, U757, U547, U836, U137 | | | | | | | | |

Revision Codes

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| Graphs | Coordinates | U789, U889 | | | | | | | |
| | Quadratic graph | U989, U667 | | | | | | | |
| | Gradient of a straight-line graph | U315, U669, U477 | | | | | | | |
| | Gradients of parallel and perpendicular lines | U477, U848, U377, U898 | | | | | | | |
| | Speed-time graph | U562, U611 | | | | | | | |
| | Gradient of a curve | U800 | | | | | | | |
| | Transformations of functions | U598, U487 | | | | | | | |
| Algebra (continued) | Topics | Topic Code | | | | | | | |
| Graphs (continued) | Graphs of trigonometric functions | U450 | | | | | | | |
| Functions | Inverse and composite functions | U996, U448 | | | | | | | |

Revision Codes

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| Ratio, proportion, and rates of change | Topics | Topic Code | | | | | | | |
|--|-------------------------|--|--|--|--|--|--|--|--|
| Conversions | Time | U902 | | | | | | | |
| | Area | U248 | | | | | | | |
| Percentages | Percentage of an amount | U554 | | | | | | | |
| | Percentage decrease | U671 | | | | | | | |
| | Depreciation | U988 | | | | | | | |
| | Reverse percentage | U286 | | | | | | | |
| Ratio | Write as a ratio | U687 | | | | | | | |
| | Use of ratio | U753, U176, U577, U595, U921, U676, U865 | | | | | | | |
| | 1:n form | U687 | | | | | | | |
| | Share in a ratio | U577, U595 | | | | | | | |
| | Ratio to fraction | U176 | | | | | | | |
| Proportion | Direct proportion | U721, U640, U407, U238 | | | | | | | |

Revision Codes

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| | Currency conversion | U610 | | | | | | | |
| | Inverse proportion | U357, U364, U138 | | | | | | | |
| | Equations of proportion | U640, U407, U364, U138 | | | | | | | |
| Ratio, proportion, and rates of change (continued) | Topics | Topic Code | | | | | | | |
| Compound Measures | Average speed | U151, U462 | | | | | | | |
| | Density | U910 | | | | | | | |
| | Pressure | U527 | | | | | | | |
| Growth and decay | General iterative processes | U988 | | | | | | | |

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| Geometry and measures | Topics | Topic Code | | | | | | | |
| Shape | Transformations | U196, U799, U696, U519, U134, U766 | | | | | | | |

Revision Codes

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| Angles | Angles in a polygon | U427 | | | | | | | |
| | Circle theorems | U459, U251, U489, U130, U808 | | | | | | | |
| Length, area, and volume | Area of a rectangle | U993, U934 | | | | | | | |
| | Area of a triangle | U945 | | | | | | | |
| | Area of a trapezium | U265 | | | | | | | |
| | Area of a sector | U373 | | | | | | | |
| | Surface area of a cuboid | U929 | | | | | | | |
| | Volume of a cube | U786 | | | | | | | |
| | Volume of composite solid | U543 | | | | | | | |
| | Similar triangles | U578 | | | | | | | |
| Pythagoras's Theorem and Trigonometry | Pythagoras's Theorem | U385, U541 | | | | | | | |
| | Trigonometry | U283, U545, U967, U170 | | | | | | | |

Revision Codes

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| Geometry and measures (continued) | Topics | Topic Code | | | | | | | |
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| Pythagoras's Theorem and Trigonometry (continued) | Sine and Cosine Rules | U952, U591 | | | | | | | |
| | Trigonometry in 3-D | U170 | | | | | | | |
| | Exact trigonometric values | U627 | | | | | | | |
| Vectors | Column vectors | U632, U903, U564, U781, U660 | | | | | | | |
| | Vector geometry | U781, U660, U560 | | | | | | | |

| Probability | Topics | Topic Code | | | | | | | |
|-------------|---------------------------------|------------------------------------|--|--|--|--|--|--|--|
| Probability | Probability | U803, U408, U510, U580, U558, U729 | | | | | | | |
| | Venn diagram | U476, U748 | | | | | | | |
| | Probability from a Venn diagram | U699 | | | | | | | |

| Revision Codes | | | | | | | | | |
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| | Independent combined events | U683, U166 | | | | | | | |
| | Dependent combined events | U729, U246, U699, U821, U806 | | | | | | | |

| Statistics | Topics | Topic Code | | | | | | | |
|------------------------|----------------------------|------------------------|--|--|--|--|--|--|--|
| Diagrams | Frequency polygon | U840 | | | | | | | |
| | Cumulative frequency graph | U642 | | | | | | | |
| | Box plot | U837 | | | | | | | |
| | Histogram | U814*, U983, U267 | | | | | | | |
| Statistics (continued) | Topics | Topic Code | | | | | | | |
| Measures | Mean | U291, U877, U569, U584 | | | | | | | |
| | Lower and upper quartiles | U837, U642 | | | | | | | |
| | Inter-quartile range | U642 | | | | | | | |
| Populations | Compare distributions | U507 | | | | | | | |

Revision Codes

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| | Capture-recapture method | See Teacher | | | | | | | |
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Combined Science Revision Checklist - Paper 1 Topics

| Topic | CGP guide pages F tier | CGP guide pages H-tier | Revision Code and Date | | | | | | |
|--|------------------------|------------------------|------------------------|--|--|--|--|--|--|
| Biology Paper 1 | | | | | | | | | |
| Cell Biology - Seneca Biology - Topic 1 | | | | | | | | | |
| Cells, Microscopy, Specialisation, Mitosis, Stem cells | F - CGP 11-16 | H - CGP - 11-16 | | | | | | | |
| Cell transport - Diffusion, Osmosis, Active transport, Exchanging substances at exchange surfaces | F - CGP 17-22 | H - CGP - 17-22 | | | | | | | |
| Organisation - Seneca Biology - Topic 2 | | | | | | | | | |
| Organisation- cells, tissues, organs, Enzymes, Required practical - Enzyme amylase and pH, Enzymes in digestion, Bile, Required practical - Food tests | F - CGP 24-28 | H -CGP - 24-29 | | | | | | | |
| Organisation - Part 1, 2 - The Lungs, The Heart, Blood vessels, Blood | F - CGP 29-32 | H - CGP - 30-33 | | | | | | | |
| Organisation 2 - Health and non-communicable diseases (coronary heart disease, cancer, risk factors) | F -CGP 33-37 | H - CGP - 36 - 38 | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Organisation 2 - Plant transport (xylem, phloem, transpiration) | F - CGP 38-40 | H - CGP - 39-41 | | | | | | | |
| Infection and Response - Seneca Biology - Topic 3 | | | | | | | | | |
| Infection and Response - Communicable diseases - bacterial diseases, viral diseases, fungal diseases, protist diseases | F-CGP 42- 45 | H -CGP- 43-45 | | | | | | | |
| Infection and response - Immune response and vaccination | CGP F - 46-47 | CGP H- 46-47 | | | | | | | |
| Infection and response - Drugs and Testing drugs | CGP F 48-49 | CGP H - 48-49 | | | | | | | |
| Bioenergetics - Seneca Biology - Topic 4 | | | | | | | | | |
| Photosynthesis, Rate of photosynthesis, RP - Investigating the effect of light on photosynthesis Uses of glucose from photosynthesis | F - CGP - 50-52 | H - CGP - 50-53 | | | | | | | |
| Respiration and metabolism, Aerobic and anaerobic respiration, response to exercise | F - CGP - 53-55 | H - CGP - 54-56 | | | | | | | |
| Chemistry Paper 1 | | | | | | | | | |
| Atomic Structure and the Periodic Table - Seneca Chemistry - Topic 1 | | | | | | | | | |
| Atomic Structure and the Periodic table 1 - Elements, COmpounds, Mixtures and Separation techniques | F - CGP - 96-103 | H - CGP - 97-102 | | | | | | | |
| Atomic Structure and the Periodic table 1 - Atomic structure and history of the atom | F - CGP - 104-105 | H - CGP - 96, 103-104 | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Atomic Structure and the Periodic table 2 - Development of the periodic table , Group 1, Group 7, Group 0 elements | F -CGP - 107-111 | H -CGP - 105-110 | | | | | | | |
| Structures and Bonding - Seneca Chemistry - Topic 2 | | | | | | | | | |
| Ions, Ionic bonding, Ionic compounds,properties of ionic compounds Covalent bonding, simple molecules, properties of simple molecules | F - CGP - 113-117 | H - CGP - 112-116 | | | | | | | |
| Polymers, giant covalent structures, Structures of carbon, Metallic bonding, States of matter, Changing state | F - CGP - 118 - 122 | H - 117-121 | | | | | | | |
| Quantitative Chemistry - Seneca Chemistry - Topic 3 | | | | | | | | | |
| Higher tier only - Relative Formula mass, Moles, Conservation of mass, Percentage of an element in a compound, balancing equations using reacting masses, limiting reactants, Concentrations of solutions | | H - CGP - 123-128 | | | | | | | |
| Chemical Changes Topic - Seneca Chemistry - Topic 4 | | | | | | | | | |
| Chemical changes - Acid/base reactions, Reactions of acids, Reactivity and extraction of metals, Required practical - making a pure dry salt from an insoluble metal oxide or metal carbonate | F- CGP - 128-131 | H -CGP - 129-134 | | | | | | | |
| Chemical changes - Electrolysis, Required practical - Electrolysis of aqueous solutions | F - CGP 132-133 | H -CGP - 135-136 | | | | | | | |
| Energy changes - Seneca Chemistry - Topic 5 | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Exothermic, endothermic reactions and reaction profiles, Required practical - Measuring temperature changes in reacting solutions | F - CGP - 134-136 | H - CGP - 138-139 | | | | | | | |
| Higher tier only - Bond energy calculations | | H - CGP - 140 | | | | | | | |
| Physics Paper 1 | | | | | | | | | |
| Energy - Seneca - Physics - Topic 1 | | | | | | | | | |
| Energy stores and transfers, calculating E_k , E_p , E_e , Required practical - Specific heat capacity | F&H -CGP - 167-169 | H -CGP - 167-169 | | | | | | | |
| Power, efficiency and reducing unwanted transfers | F -CGP 170-174 | H -CGP - 170-172 | | | | | | | |
| National and global energy resources | F-CGP 175- 179 | H-CGP - 173-177 | | | | | | | |
| Electricity - Seneca Physics - Topic 2 | | | | | | | | | |
| Current, charge, potential difference, Resistance and I-V relationships Required practical - Using circuits to investigate I-V relationships in bulb, diode, fixed resistor. | F-CGP 180- 184 | H-CGP - 179-182 | | | | | | | |
| Series and Parallel circuits | F-CGP 185- 187 | H-CGP - 183-185 | | | | | | | |
| Electricity in the home (ac,dc and mains electricity), Power and energy transfers in appliances, The National Grid | F - CGP - 188-191 | H - CGP - 186-189 | | | | | | | |
| Particle Model of Matter - Seneca Physics - Topic 3 | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Particle model, Motion in gases, Gas Pressure, Density | F - CGP - 193-194 | H - CGP 191 - 192 | | | | | | | |
| Internal energy, Changes of state, Specific latent heat | F - CGP - 195-195 | H - CGP - 193-194 | | | | | | | |
| Atomic Structure - Seneca Physics - Topic 4 | | | | | | | | | |
| Models of the atom, Isotopes, Nuclear radiation, Nuclear equations | F - CGP - 197-199 | H - CGP - 194-198 | | | | | | | |
| Half life, irradiation and contamination | F - CGP - 200-201 | H - CGP - 198-199 | | | | | | | |

| Revision Codes | | | | | | | | | |
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Combined Science Revision Checklist - Paper 2 Topics

| Topic | CGP guide pages - F tier | CGP guide pages - H tier | Revision Code and Date | | | | | | |
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| Biology Paper 2 | | | | | | | | | |
| Topic 5 - Homeostasis and Response | | | | | | | | | |
| Homeostasis, The nervous system, Synapses and reflexes, Reaction time | F - CGP - 57-60 | H - CGP - 58-61 | | | | | | | |
| The endocrine system, Controlling glucose | F - CGP - 61-62 | H - CGP - 62-63 | | | | | | | |
| Menstrual cycle, Controlling fertility (not contraception), Adrenaline and thyroxine | F - CGP - 63-65 | H - CGP - 65-67 | | | | | | | |
| Topic 6 - Inheritance, Variation and Evolution | | | | | | | | | |
| DNA, Sexual and Asexual Reproduction, Meiosis | F - CGP - 66-68 | H - CGP - 68-70 | | | | | | | |
| X and Y chromosomes, Genetic diagrams, Inherited disorders | F - CGP - 69-72 | H - CGP - 71-74 | | | | | | | |
| Variation, Evolution, Selective breeding, Genetic engineering | F - CGP 73, 74,77-78 | H - CGP - 75-78 | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Fossils, Antibiotic resistance, Classification | | | | F -CGP - 75,76, 79-80 | H - CGP - 79-81 | | | | |
| Topic 7 - Ecology | | | | | | | | | |
| Competition, Biotic and Abiotic factors, Adaptations, Food chains, Required practical - Sampling using Quadrats and transects | | | | F-CGP 83-88 | H-CGP-83- 88 | | | | |
| The water cycle, The Carbon cycle, Biodiversity and Waste management | | | | F - CGP 89-91 | H -CGP 89-91 | | | | |
| Global warming, deforestation and land use/peat bogs, Maintaining ecosystems and biodiversity | | | | F - CGP 92-94 | H - CGP 92-94 | | | | |
| Chemistry Paper 2 | | | | | | | | | |
| Topic 6 - Rate and Extent of Chemical change | | | | | | | | | |
| Rates of reaction, Factors affecting rates of reaction, Measuring rates of reaction, Required practical - Measuring rates of reaction using volume of gas produced and change in turbidity or colour | | | | F - CGP 138-141 | H - CGP - 142-144 | | | | |
| Rates experiments, Finding rate of reaction from graphs | | | | F - CGP 142-143 | H - CGP - 145-146 | | | | |
| Reversible reactions, Higher tier only - Le Chatelier's principle | | | | F- CGP-144 | H -CGP - 147-148 | | | | |
| Topic 7 - Organic Chemistry | | | | | | | | | |
| Hydrocarbons, Fractional distillation of crude oil, Uses and cracking of crude oil | | | | F - CGP - 146-149 | H - CGP - 150-152 | | | | |

| Revision Codes | | | | | | | | | |
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| Topic 8 - Chemical analysis | | | | | | | | | |
| Purity and formulations, Paper chromatography, Required practical - chromatography and calculating rf values, Tests for gases | F - CGP - 150-153 | H - CGP - 153-155 | | | | | | | |
| Topic 9 - Chemistry of the Atmosphere | | | | | | | | | |
| The evolution of the atmosphere, Greenhouse gases and climate change, Carbon footprints and air pollution | F- CGP 155-158 | H -CGP - 157-160 | | | | | | | |
| Topic 10 - Using resources | | | | | | | | | |
| Finite and renewable resources, Reuse and recycling, Life cycle assessments | F - CGP 159-162 | H - CGP - 161-163 | | | | | | | |
| Potable water, Waste water | F - CGP 163-165 | H - CGP - 164-165 | | | | | | | |
| Physics Paper 2 | | | | | | | | | |
| Topic 5 - Forces | | | | | | | | | |
| Contact and non contact forces, Weight Mass and Gravity, Resultant forces, calculating forces | F - CGP - 203-205 | H -CGP - 201-204 | | | | | | | |
| Forces and elasticity, Investigating springs | F -CGP - 206-207 | H -CGP - 205-206 | | | | | | | |
| Distance, Displacement, Speed, Velocity, Acceleration, Motion graphs, Terminal velocity | F-CGP 208-211 | H-CGP - 207-210 | | | | | | | |

Revision Codes

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| F - Flashcards | S - Seneca | EQ - Exam Questions | C - Cornell Notes | M - Memory Dump | CH - Champions Hr | LSQ - Low Stakes Quiz | Sp - Sparx | R - Retrieval | O - Other Revision |
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| Newton's Three laws, Inertia, Investigating motion | F - CGP - 212-213 | H - CGP - 211-213 | | | | | | | |
| Stopping distances, Reaction times, Higher tier only - Momentum | F - CGP - 214-217 | H-CGP - 214-216 | | | | | | | |
| Topic 6 - Waves | | | | | | | | | |
| Transverse and longitudinal waves, Experiments with waves, Wave behaviour and EM waves, Refraction | F-CGP 219-222 | H-CGP - 218-221 | | | | | | | |
| Radio waves, EM waves and uses, More on uses of EM waves, Investigating Infra-red waves Required practical - Investigating Infra-red waves being emitted or absorbed by a surface, Dangers of EM | F-CGP 223-227 | H-CGP -223-226 | | | | | | | |
| Topic 7 - Magnetism and electromagnetism | | | | | | | | | |
| Permanent and induced magnets, Electromagnetism | F - CGP - 229-230 | H -CGP -227-228 | | | | | | | |
| Higher tier only - The Motor effect and electric motors | | H - CGP -229-230 | | | | | | | |

| Revision Codes | | | | | | | | | |
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Separate Science Revision Checklist - Paper 1 topics

| Topic | CGP guide pages | Revision Code and Date | | | | | |
|---|-------------------------------------|------------------------|--|--|--|--|--|
| GCSE Biology Paper 1 | | | | | | | |
| Cell Biology - Seneca Biology - Topic 1 | CGP GCSE Biology guide pages | | | | | | |
| Cells, Microscopy, RP - Microscopy, Specialisation, Mitosis | CGP - 11-15 | | | | | | |
| Binary fission, Culturing microorganisms, Stem cells | CGP - 16-19 | | | | | | |
| Cell transport - Diffusion, Osmosis, RP - Osmosis, Active transport, Exchanging substances at exchange surfaces | CGP - 20-25 | | | | | | |
| Organisation - Seneca Biology - Topic 2 | | | | | | | |
| Cells, tissues, organs, Enzymes, Required practical - Enzymes and pH, Enzymes in digestion, Bile, Required practical - Food tests | CGP - 27-32 | | | | | | |
| The Lungs, The Heart, Blood vessels, Blood | CGP - 33-36 | | | | | | |
| Health and non-communicable diseases (coronary heart disease, cancer, risk factors) | CGP 37-41 | | | | | | |
| Plant transport (xylem, phloem, transpiration) | CGP - 42-44 | | | | | | |

| Revision Codes | | | | | | | | | |
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| Infection and Response - Seneca Biology - Topic 3 | | | | | | | | | |
| Communicable diseases - Bacterial, viral, fungal and protist diseases | CGP - 46-48 | | | | | | | | |
| Fighting disease - Immune response and vaccination | CGP - 49-50 | | | | | | | | |
| Antibiotics and painkillers, Drugs and developing drugs, monoclonal antibodies | CGP - 51-54 | | | | | | | | |
| Plant disease and defences | CGP - 55-56 | | | | | | | | |
| Bioenergetics - Seneca Biology - Topic 4 | | | | | | | | | |
| Photosynthesis, Rate of photosynthesis | CGP - 57-58 | | | | | | | | |
| Respiration and metabolism, Aerobic and anaerobic respiration, response to exercise | CGP - 61-63 | | | | | | | | |
| GCSE Chemistry Paper 1 | | | | | | | | | |
| Atomic Structure and the Periodic Table - Seneca Chemistry - Topic 1 | CGP - GCSE Chemistry guide pages | | | | | | | | |
| Elements, Compounds, Mixtures and Separation techniques | CGP - 12-18 | | | | | | | | |
| Atomic structure and history of the atom | CGP - 19-20 | | | | | | | | |
| Development of the periodic table , Group 1, Group 7, Group 0 elements | CGP - 21-26 | | | | | | | | |
| Structures and Bonding - Seneca Chemistry - Topic 2 | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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|---|-------------|--|--|--|--|--|--|--|--|
| Ions, ionic bonding, ionic compounds, Properties of ionic compounds, Covalent bonding, properties of simple molecules | CGP - 28-32 | | | | | | | | |
| Polymers, giant covalent structures, Structures of carbon, Metallic bonding, States of matter, Changing state | CGP - 33-37 | | | | | | | | |
| Nanoparticles and use of nanoparticles | CGP - 38-39 | | | | | | | | |
| Quantitative Chemistry - Seneca Chemistry - Topic 3 | | | | | | | | | |
| Relative Formula mass, Conservation of mass, The Mole and Equations | CGP - 41-44 | | | | | | | | |
| Limiting reactants, Gases and solutions, concentration calculations | CGP - 45-47 | | | | | | | | |
| Atom economy, Percentage yield | CGP - 48-49 | | | | | | | | |
| Chemical Changes Topic - Seneca Chemistry - Topic 4 | | | | | | | | | |
| Acid/bases, Titrations, Strong and weak acids, Reactions of acids | CGP - 51-54 | | | | | | | | |
| Reactivity and extraction of metals, redox reactions | CGP - 55-57 | | | | | | | | |
| Electrolysis | CGP - 58-59 | | | | | | | | |
| Energy changes - Seneca Chemistry - Topic 5 | | | | | | | | | |
| Exothermic, endothermic reactions and reaction profiles, measuring energy changes | CGP - 61-62 | | | | | | | | |
| Bond energy calculations | CGP - 63 | | | | | | | | |
| Cells, batteries, fuel cells | CGP - 64-65 | | | | | | | | |
| GCSE Physics Paper 1 | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Energy - Seneca - Physics - Topic 1 | CGP GCSE Physics pages | | | | | | | | |
| Energy stores and transfers, calculating E_k , E_p , E_e , Required practical - Specific heat capacity | CGP - 11-15 | | | | | | | | |
| Power, efficiency and reducing unwanted transfers, RP - Thermal insulation | CGP - 14, 16, 17 | | | | | | | | |
| National and global energy resources | CGP - 18-22 | | | | | | | | |
| Electricity - Seneca Physics - Topic 2 | | | | | | | | | |
| Current, charge, potential difference, Resistance and I-V relationships | CGP - 24-27, 30 | | | | | | | | |
| Series and Parallel circuits | CGP - 28,29 | | | | | | | | |
| Electricity in the home, Power of electrical appliances, more on power, The National Grid | CGP - 31-34 | | | | | | | | |
| Static electricity and electric fields | CGP - 35-36 | | | | | | | | |
| Particle Model of Matter - Seneca Physics - Topic 3 | | | | | | | | | |
| Particle model, density, RP - Density | CGP - 38 | | | | | | | | |
| Internal energy, changes of state, Specific latent heat | CGP - 39-40 | | | | | | | | |
| Particle motion in gases | CGP - 41 | | | | | | | | |
| Atomic Structure - Seneca Physics - Topic 4 | | | | | | | | | |
| Models of the atom, Isotopes, Nuclear radiation, Nuclear equations | CGP - 43-45 | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Half life, irradiation and contamination | CGP - 46,47 | | | | | | | | |
| Uses of radiation and risk, Fusion and Fission | CGP - 48-49 | | | | | | | | |

Separate Science Revision Checklist - Paper 2 Topics

| Topic | CGP guide pages | Revision Codes and Date | | | | | | | |
|---|--|-------------------------|--|--|--|--|--|--|--|
| GCSE Biology Paper 2 | CGP - GCSE Biology revision guide | | | | | | | | |
| Topic 5 - Homeostasis and Response | | | | | | | | | |
| Homeostasis, the nervous system, synapses and reflexes, reaction time | 65-68 | | | | | | | | |
| The brain, The Eye, Correcting vision defects, Controlling body temperature | 69-72 | | | | | | | | |
| The endocrine system, controlling blood glucose, The kidneys, Kidney failure | 73-76 | | | | | | | | |
| Menstrual cycle, controlling fertility, adrenaline and thyroxine | 77-80 | | | | | | | | |
| Plant hormones, commercial uses of plant hormones RP - Investigating the effect of light on growth of seedlings | 81-82 | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| F - Flashcards | S - Seneca | EQ - Exam Questions | C - Cornell Notes | M - Memory Dump | CH - Champions Hr | LSQ - Low Stakes Quiz | Sp - Sparx | R - Retrieval | O - Other Revision |

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| Topic 6 - Inheritance, Variation and Evolution | | | | | | | | | |
| DNA, Protein synthesis, Reproduction, Meiosis, Advantages and disadvantages of sexual/asexual reproduction | 84-89 | | | | | | | | |
| X and Y chromosomes, Genetic diagrams, Inherited disorders, The work of Mendel | 90-94 | | | | | | | | |
| Variation, Evolution, Selective breeding, Genetic engineering, Cloning | 95-100 | | | | | | | | |
| Fossils, Speciation, Antibiotic resistance, Classification | 101-104 | | | | | | | | |
| Topic 7 - Ecology | | | | | | | | | |
| Competition, Biotic and Abiotic factors, Adaptations, Food chains, RP - Sampling Using Quadrats and transects | 106-111 | | | | | | | | |
| The water cycle, The Carbon cycle, Decay, Investigating decay, Biodiversity and Waste management | 112-116 | | | | | | | | |
| Global warming, deforestation and land use, maintaining ecosystems and biodiversity | 117-119 | | | | | | | | |
| Trophic levels, Pyramids of biomass, Biomass transfer, Food security and farming, Biotechnology | 120-124 | | | | | | | | |
| GCSE Chemistry Paper 2 | CGP - GCSE Chemistry Revision guide | | | | | | | | |
| Topic 6 - Rate and Extent of Chemical change | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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|---|-------|--|--|--|--|--|--|--|--|
| Rates of reaction, factors affecting rates of reaction, measuring rates of reaction Required practical - Measuring rates of reaction using volume of gas produced and change in turbidity or colour | 67-69 | | | | | | | | |
| Rates experiments, Finding rate of reaction from graphs | 70-71 | | | | | | | | |
| Reversible reactions, Le Chatelier's principle | 72-73 | | | | | | | | |
| Topic 7 - Organic Chemistry | | | | | | | | | |
| Hydrocarbons, Fractional distillation of crude oil, Uses and cracking of crude oil | 75-77 | | | | | | | | |
| Alkenes, Reactions of alkenes, Addition polymers | 78-80 | | | | | | | | |
| Alcohols, carboxylic acids, Condensation polymers, naturally occurring polymers | 81-84 | | | | | | | | |
| Topic 8 - Chemical analysis | | | | | | | | | |
| Purity and formulations, Paper chromatography, Tests for gases | 86-88 | | | | | | | | |
| Tests for Anions, Tests for cations, (Required practical - Identifying ions) Flame emission spectrometry | 88-90 | | | | | | | | |
| Topic 9 - Chemistry of the Atmosphere | | | | | | | | | |
| The evolution of the atmosphere, greenhouse gases and climate change, carbon footprints and air pollution | 91-94 | | | | | | | | |
| Topic 10 - Using resources | | | | | | | | | |

| Revision Codes | | | | | | | | | |
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| Ceramics, composites, polymers, Properties of materials, Corrosion | 96-98 | | | | | | | | |
| Finite and renewable resources, reuse and recycling(Sustainability and extracting metals), Life cycle assessments, | 99-101 | | | | | | | | |
| Potable water, Waste water | 102-103 | | | | | | | | |
| Haber Process and NPK fertilisers | 104-105 | | | | | | | | |
| GCSE Physics Paper 2 | CGP - GCSE Physics revision guide | | | | | | | | |
| Topic 5 - Forces | | | | | | | | | |
| Contact and non contact forces, Weight Mass and Gravity, Resultant forces and work done, calculating forces | 51-54 | | | | | | | | |
| Forces and elasticity, Investigating springs | 55-56 | | | | | | | | |
| Moments, Fluid pressure, Upthrust and Atmospheric pressure | 57-59 | | | | | | | | |
| Distance, displacement, speed and velocity, Acceleration, Motion graphs, Terminal velocity | 60-63 | | | | | | | | |
| Newton's Three laws, Inertia, Investigating motion | 64-66 | | | | | | | | |
| Stopping distances, reaction times, momentum and changes in momentum | 67-71 | | | | | | | | |
| Topic 6 - Waves | | | | | | | | | |
| Transverse and longitudinal waves, Experiments with waves, | 73-74 | | | | | | | | |

Revision Codes

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|----------------|------------|---------------------|-------------------|-----------------|-------------------|-----------------------|------------|---------------|--------------------|
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| Reflection, EM waves and Refraction, RP - Investigating light, | 75-77 | | | | | | | | |
| Radio waves, EM waves and uses, More on uses of EM waves, Investigating Infra-red waves, Dangers of EM | 78-81 | | | | | | | | |
| Lenses, Image and Ray diagrams, Concave lenses and magnification | 82-84 | | | | | | | | |
| Visible light, Infrared radiation and temperature, black body radiation | 85-87 | | | | | | | | |
| Sound waves, Ultrasound, Exploring structures using waves | 88-90 | | | | | | | | |
| Topic 7 - Magnetism and electromagnetism | | | | | | | | | |
| Permanent and induced magnets, Electromagnetism | 92-93 | | | | | | | | |
| The Motor effect and electric motors and loudspeakers | 94-94 | | | | | | | | |
| The generator effect, Generators and microphones, Transformers | 96-98 | | | | | | | | |
| Topic 8 - Space Physics | | | | | | | | | |
| The life cycle of stars, The solar system and orbits | 100-101 | | | | | | | | |
| Red shift and the Big bang | 102 | | | | | | | | |