



The Rudheath
Senior Academy

OUR MISSION

Opening Children's Eyes to the Wonderful World of Possibility

OUR VALUES

Excellence: 1% improvement and 100% responsibility every day

Kindness: No act of kindness, no matter how small, is ever wasted

OUR VISION

- RSA will be an oversubscribed school of choice at the heart of the Northwich community which every student, staff member and parent is proud to belong to.
- RSA will be relentlessly ambitious about a curriculum that leads to excellent outcomes and careers, creating remarkable experiences and making memories that last a lifetime.
- RSA will be continuously driven about nurturing resilient, literate and articulate young people, who will be creative, confident and compassionate as they make their distinct mark on the world.



Welcome to Year 11 Evening

"THE GREATEST DANGER
FOR MOST OF US
IS NOT THAT OUR AIM
IS TOO HIGH
AND WE MISS IT
BUT THAT IT IS TOO LOW
AND WE REACH IT."

MICHELANGELO

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Purpose of the evening



- Welcome from the Year 11 team
- Key dates for your diary
- Expectations for Year 11 and raising aspirations. Destinations and guidance.
- What interventions and support are we offering?
- 6 week launch to the Pre-Public examinations
- Revision technique
- Core subjects – overview of the course requirements and revision check list
- Examination routines and expectations
- Year 11 wellbeing and support



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Welcome Mr Kerfoot - Headteacher

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Mrs Williams- Deputy Headteacher- Quality of Education

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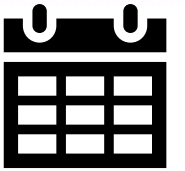
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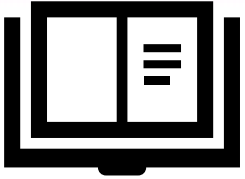
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Key Dates for Year 11



- Pre-Public examinations will start week commencing **6th November** (32 school days)
- Performance Review Evening. 1 – **7th December.**
- Pre-Public Examinations (2) - 26th February 2024
- Performance Review Evening. 2 – 28th March 2024.
- GCSE examinations commence 9th May 2024 (30 weeks)
- School Prom
- **GCSE examination results-Thursday 22nd August 2024.**

Destinations and guidance.



The law in England says:

- Young people can leave school on the last Friday of June in Year 11.
- They must then do one of the following **until they are 18 years old:**
 - Stay in full time education, for example a **sixth form or a college**
 - Start an **apprenticeship or traineeship**
 - Spend **20 hours** or more a week working or volunteering, whilst in part time education or training



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Level	Examples of qualifications	What they give you.
1	GCSE grades 3 to 1. Level one awards and diplomas.	Basic knowledge and skills. Functional skills.
2	GCSE grades 4 to 9. Level 2 apprenticeships, awards and diplomas.	<u>Knowledge and understanding of a set subject.</u> Suitable for many job roles – this is where you will start many apprenticeships e.g <u>hairdressing, construction</u>
3	AS and A levels Advanced apprenticeship Level 3 Btec	Ability to gain or apply a range of subject knowledge at a <u>detailed level.</u> Appropriate if you plan to go to University, work independently or (in some cases) supervise and train others in your field of work. Suitable for post 16 if you have gained at <u>least 5 GCSEs at grade 5+ including Maths and English or higher.</u> Some courses have specific entrance requirements e.g. A level Maths requires a minimum of a grade 6



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Why consider A Levels and onwards to University?



In 2022, the average salary for working age graduates was £38,500. This was **£11,500 more than working age non-graduates.**

£38,500 = £2500 per month or £568 per week.

66.3% of graduates were in highly skilled jobs compared to 23.6% of non-graduates.



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Staying in Full-time Education - next steps

- Sixth forms will have entry requirements (the grades you need to achieve at GCSE to study the subjects you would like). Please ensure you have started to investigate this.
- A levels are two-year level 3 courses so you will need to have achieved at least 5 GCSE grades at 5 or higher including English and Maths
- Most colleges offer one year level 2 courses. These will include a level 2 vocational course and Maths and/or English resit opportunities. **If you do not achieve a 4 in English or Mathematics, you are required by law to resit it!** You can then progress on to a level 3 course.
- If you are planning to go to **University**, you will need to achieve strong grades at both GCSE and at Level 3/A Level



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Post 16 destinations



Establishment	Open Dates
Sir John Deane's Sixth Form College	7 th October (9.30am – 2pm) 26 th October (5.30pm – 8.30 pm) 23 rd November (5.30 pm – 8.30 pm)
<u>Reaseheath</u> College	7 th October (10.30am – 2pm) 4 th November (10.30am – 2pm) 2 nd December 13 th January
Warrington and Vale Royal College	10 th October (5pm – 8pm) 18 th October (5pm – 8pm) 6 th November (5pm – 8pm)
Priestley College	4 th October (5.30pm or 6pm) 5 th October (5.30pm or 6pm) 4 th November (5.30pm or 6pm) 15 th November (5.30pm or 6pm)
Cheshire College South and West	11 th October (17.30pm – 8pm) 14 th November (17.30pm – 8pm)

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6 week launch to the Pre-Public Examinations



- Pre-Public examinations are important to ensure students experience a true picture of the examination processes so that they are fully prepared for the summer examination season.
- The data will inform us of our student's current progress and required intervention support to be successful in the summer examinations. **They must be taken as seriously as the GCSE examinations in May.**



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Year 11 Information and Guidance



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Year 11 Maths Foundation - Pre-Public Examination 1.	
Length of assessment	Paper 1 Non-Calculator-90 minutes Paper 2/Paper 3: Calculator- Each 90 minutes
Title of assessment	Year 11 November PPE1
Success Criteria. To be successful revise the content listed using your exercise book and revision guides. The number of marks for each question will be shown on the exam paper, you must ensure you show full working out to gain each mark available	<ul style="list-style-type: none"> <input type="checkbox"/> Addition, subtraction, multiplication and division of integers, decimals and fractions <input type="checkbox"/> Order of operations <input type="checkbox"/> Factors, multiples and primes <input type="checkbox"/> Fractions of amounts <input type="checkbox"/> Powers and roots <input type="checkbox"/> Percentages or amounts and percentage change <input type="checkbox"/> Rounding and estimation <input type="checkbox"/> Error intervals <input type="checkbox"/> Ratio <input type="checkbox"/> Inverse proportion <input type="checkbox"/> Simplifying algebraic expressions <input type="checkbox"/> Solving linear equations and inequalities <input type="checkbox"/> Forming and solving equations and inequalities from shapes <input type="checkbox"/> Coordinates and linear graphs <input type="checkbox"/> Substitution <input type="checkbox"/> Rearranging formulae <input type="checkbox"/> Sequences <input type="checkbox"/> Pictographs <input type="checkbox"/> Averages <input type="checkbox"/> Scatter graphs <input type="checkbox"/> Probability and relative frequency <input type="checkbox"/> Probability tree diagrams <input type="checkbox"/> Venn Diagrams <input type="checkbox"/> Scale drawings and constructions <input type="checkbox"/> Unit conversions <input type="checkbox"/> Area and perimeter <input type="checkbox"/> Volume of 3d shapes <input type="checkbox"/> Rotational symmetry <input type="checkbox"/> Transformations including reflections and rotations <input type="checkbox"/> Angle facts including angles in parallel lines <input type="checkbox"/> Bearings <input type="checkbox"/> Area and circumference of circles
Resources required to revise	<ul style="list-style-type: none"> <input type="checkbox"/> Exercise books and Revision Guides <input type="checkbox"/> Key websites: www.corbettmaths.com www.mathsgenie.co.uk



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Year 11 Subject Physics - Pre-Public Examination 1.	
Length of assessment	75 minutes (Trilogy) / 105 minutes (Triple)
Title of assessment	GCSE Trilogy: Combined science Physics Paper 1 GCSE Triple Physics Paper 1
Success Criteria This paper will contain a combination of multiple choice, structured, closed short answer, and open response questions. Marks for each question range from 1-6. The exams will measure how students have achieved the following assessment objectives: • AO1: Demonstrate knowledge and understanding of scientific ideas, scientific techniques and procedures. • AO2: Apply knowledge and understanding of scientific ideas, scientific enquiry, techniques and procedures. • AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	<p>P1 Energy</p> <ul style="list-style-type: none"> <input type="checkbox"/> Energy 'store', transfer, efficiency and waste <input type="checkbox"/> Sankey diagrams <input type="checkbox"/> Gravitational potential energy and theoretical velocity <input type="checkbox"/> Heat capacity equation <input type="checkbox"/> Power and work <input type="checkbox"/> Energy transfers in closed systems <input type="checkbox"/> Thermal conductivity <input type="checkbox"/> Renewable and non-renewable electricity energy resources <p>P2 Electricity</p> <ul style="list-style-type: none"> <input type="checkbox"/> Describe current and calculate it <input type="checkbox"/> Describe resistance and use Ohm's Law <input type="checkbox"/> Calculate current, voltage and resistance in parallel circuits <input type="checkbox"/> Calculate electrical power <input type="checkbox"/> Describe and explain uses of CDBs <input type="checkbox"/> Label features of 3 core cable and 3 pin plugs <input type="checkbox"/> The National Grid <p>P3 Particle model of matter</p> <ul style="list-style-type: none"> <input type="checkbox"/> Describe density in terms of particle arrangement <input type="checkbox"/> Use density, mass and volume calculations <input type="checkbox"/> Explain 'internal energy' <input type="checkbox"/> Change of state (gases, solids and liquids) <input type="checkbox"/> Specific heat capacity and latent heat capacity <input type="checkbox"/> Define the terms specific latent heat, latent heat of fusion, latent heat of vapourisation and recognise when they are represented on a graph or in data <p>P4 Atomic structure (Radioactivity)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Label atoms <input type="checkbox"/> Changes to the atomic model over time <input type="checkbox"/> Isotopes <input type="checkbox"/> Radiation (alpha, beta, gamma) <input type="checkbox"/> Nuclear decay and half-lives <input type="checkbox"/> Contamination and irradiation
Resources required to revise	Revision guides, knowledge organiser books, Seneca quizzes, Revision booklets, past paper questions. Revision timetable. https://continuity.co.uk/lessons https://www.bbc.co.uk/bitesize/examspecs/11c-957t AQA Combined science https://www.bbc.co.uk/bitesize/subjects/11c957t/physics/triple https://www.physicsandmathstutor.com/chemistry-revision/gcse-aaa/

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Mrs Cooper – Head of Year 11.

What interventions and support are we offering?

Day	Event	What and Why?
Monday	Year 11 Assembly Period 6 – Maths	Key messages from your Head of Year - Mrs Cooper and the Deputy Headteacher – Mrs Williams. Aspiration and destination assemblies from key colleges e.g. Sir John Deanes.
Tuesday	Period 0 – Maths Period 6 – x	<ul style="list-style-type: none"> • Period 0 starts at 8.40am - 9.00am. Please arrive via the main entrance Tuesday to Thursday by 8.30am. • Mrs Cooper, Mrs Williams and the Year 11 team will be ready to meet and greet you all. • Your registration will be taken in the Exhibition Hall during the Period 0 session. • Period 0 and Period 6 will support you with key exam skills, knowledge and techniques. • Period 6 will be delivered in your classrooms from 3.10pm - 4.10pm.
Wednesday	Period 0 – Science Period 6 – Science	
Thursday	Period 0 – English Period 6 – English	
Friday	Am - Futures Friday. Period 6 – History and Geography. Art Week B.	



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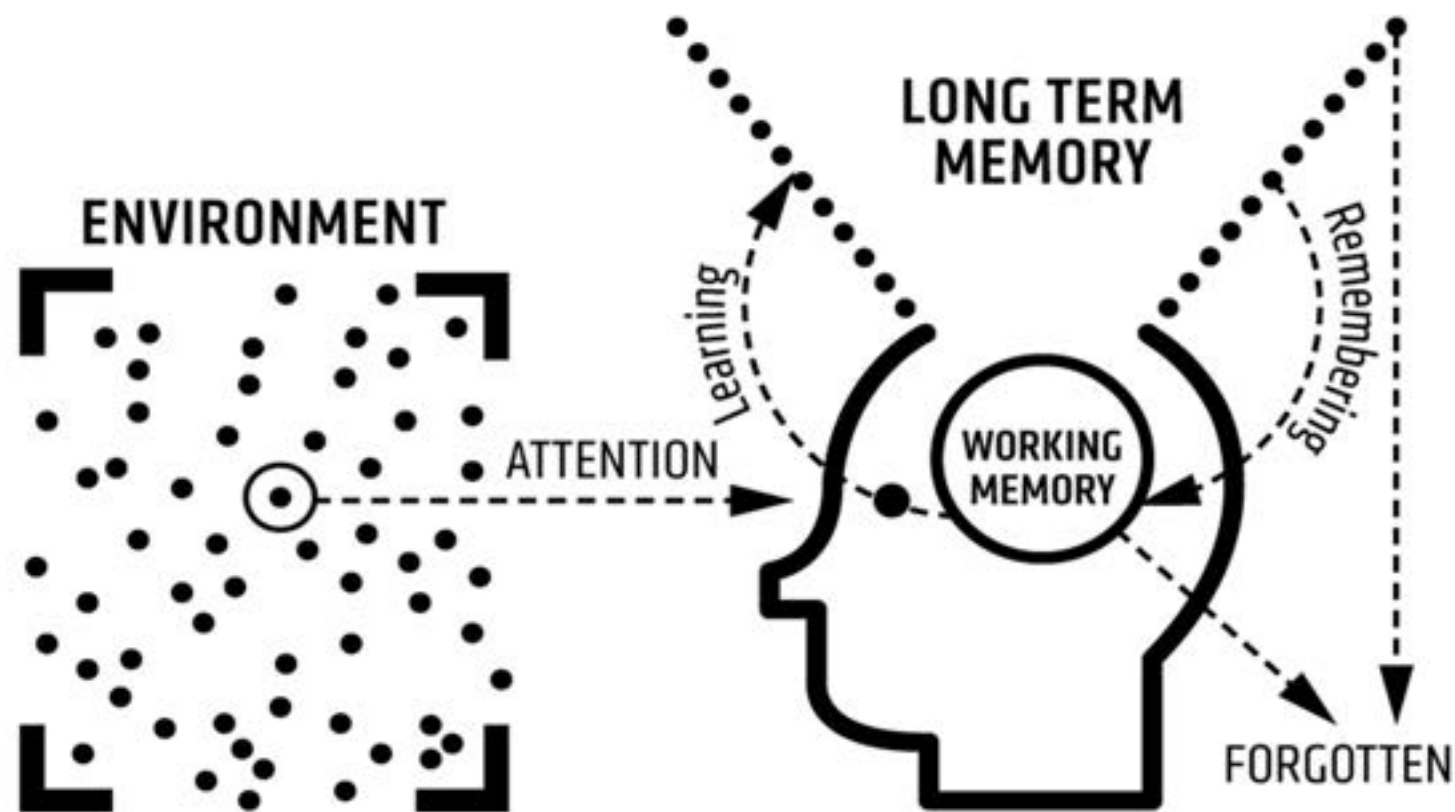
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Miss Doswell - Director of Teaching and Learning



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How can I support my child with their revision?



What is the importance of homework and revision?

Evidence from the Education Endowment Foundation (EEF) suggests that, on average, homework and effective revision can add five months' additional progress to student learning.

Ineffective revision strategies	Effective revision strategies
<ul style="list-style-type: none"> • Re-reading • Highlighting • Cramming- in essence "leaving it all until the last minute" • Revising with a mobile phone nearby or with music playing <p>are all poor revision techniques- cognitively overload students</p>	<ul style="list-style-type: none"> • Retrieval practice- making students "think hard" retrieving information from their long-term memory. • Using flashcards to self-quiz • Brain dumps (students write down everything they know about a specific topic then self-assess, use revision guides to address gaps in knowledge) • Spacing (revisiting a topic sometime after first learning it)

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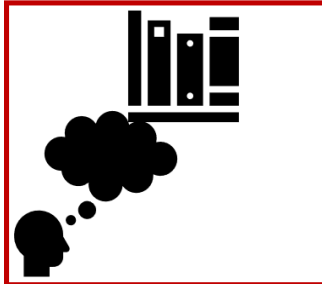
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What key revision techniques does my child need to use?

Year 11 Revision Strategies

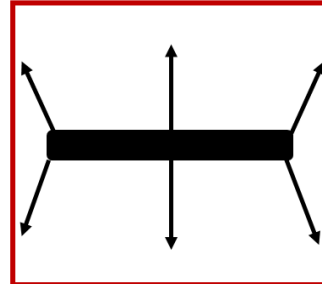
Strategy 1: Brain Dump

1 2 3 4 5



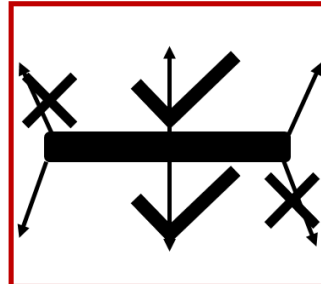
1 CHOOSE YOUR TOPIC

Pick an area to revise that you currently feel under-confident with. It is no use choosing a topic where your knowledge is secure, you need to think hard.



2 EVERYTHING YOU REMEMBER

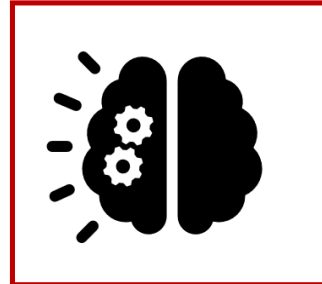
On a blank piece of paper (A4) write down everything you can remember about that specific topic. Then try and break it down further into sub-topics.



3 CHECK WHAT YOU MISSED OUT

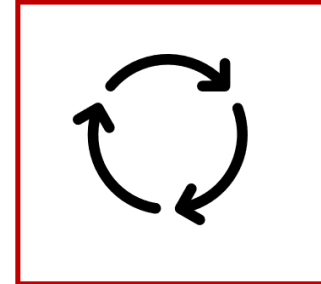
Use your notes or a revision guide/video to check what you have missed out.

- Use a different colour to:*
- Tick what you got right
 - Correct/edit what you got wrong
 - Add what you missed out



4 WORK ON AREAS THAT NEED IT

- Use step 3 to identify the areas that you need to go over. Use strategies that mean you have to "think hard" about what you didn't remember, such as:*
- Turning notes into a diagram
 - Explaining ideas/concepts to another person.
 - Cover/write/ check to test yourself.



5 WAIT AND THEN REPEAT

Wait at least a day and then repeat this process.

You should remember more this time, this will then help narrow down where you need to focus your revision. Follow the same 5 steps again on a subsequent day.

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What is on offer at Rudheath Senior Academy?



- Weekly revision videos for students shared in the newsletter, detailing how they can apply the revision technique-the first is published this Friday
- Revision booklets for students detailing key strategies
- Assembly with Y11 to communicate effective revision
- Parental support materials
- Continuous support from Heads of Faculty and class teachers, P0 and P6 intervention
- Parental guide includes well-being tips and contact details for any revision related queries

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Mr Wright – Faculty Leader for Mathematics, Business and Computing

Why is Maths essential for any career path?

- Critical thinking
- Problem solving
- Numeracy
- Academic pathways

What careers can Maths lead to?

- Software developer
- Auditor
- Chartered Accountant
- Financial analyst
- Economist
- Teacher/Lecturer

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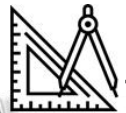
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Mathematical Equipment



Casio fx-83GTX



Paper 1: non-calculator	+	Paper 2: calculator	+	Paper 3: calculator
<p>What's assessed</p> <p>Content from any part of the specification may be assessed</p>		<p>What's assessed</p> <p>Content from any part of the specification may be assessed</p>		<p>What's assessed</p> <p>Content from any part of the specification may be assessed</p>
<p>How it's assessed</p> <ul style="list-style-type: none"> written exam: 1 hour 30 minutes 80 marks non-calculator 33⅓% of the GCSE Mathematics assessment 		<p>How it's assessed</p> <ul style="list-style-type: none"> written exam: 1 hour 30 minutes 80 marks calculator allowed 33⅓% of the GCSE Mathematics assessment 		<p>How it's assessed</p> <ul style="list-style-type: none"> written exam: 1 hour 30 minutes 80 marks calculator allowed 33⅓% of the GCSE Mathematics assessment
<p>Questions</p> <p>A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.</p>		<p>Questions</p> <p>A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.</p>		<p>Questions</p> <p>A mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as a student progresses through the paper.</p>



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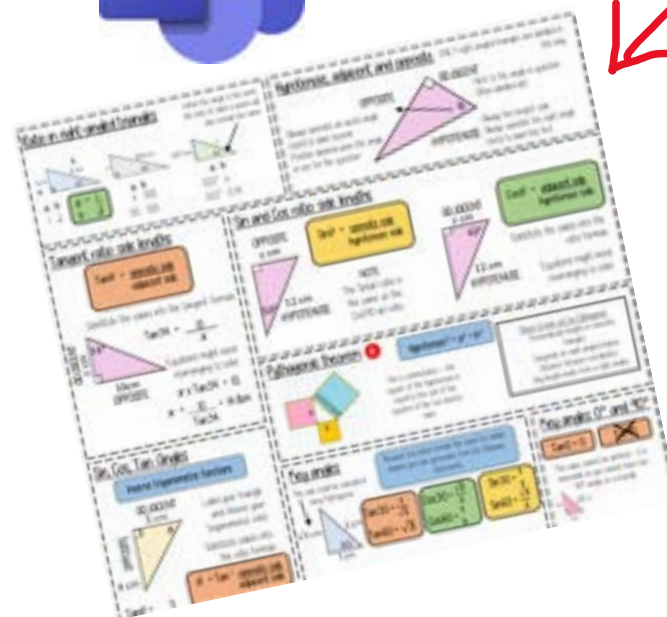
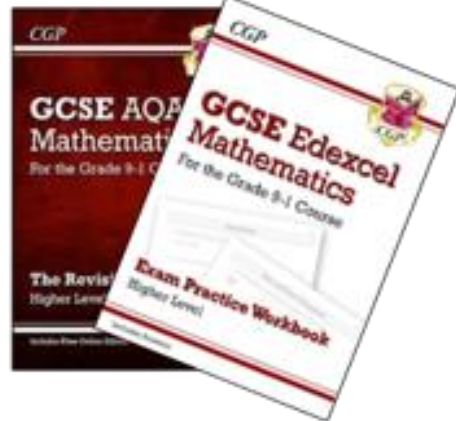
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Independent Study

I= Eedi

www.eedi.com



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Similarity						Developing Algebra					
	Congruence, similarity and enlargement			Trigonometry			Representing solutions of equations and inequalities			Simultaneous equations		
Spring	Geometry						Proportions and Proportional Change					
	Angles & bearings		Working with circles		Vectors		Ratios & fractions		Percentages and Interest		Probability	
Summer	Delving into data				Using number				Expressions			
	Collecting, representing and interpreting data				Non-calculator methods		Types of number and sequences		Indices and Roots		Manipulating expressions	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Graphs						Algebra					
	Gradients & lines		Non-linear graphs		Using graphs		Expanding & factorising		Changing the subject		Functions	
Spring	Reasoning						Revision and Communication					
	Multiplicative		Geometric		Algebraic		Transforming & constructing		Listing & describing		Show that...	

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Mrs Lycett – Faculty Leader for English and Languages

Why is English essential for any career path?

- Communication skills
- Literacy
- Critical thinking
- Writing skills
- Academic pathways
- Cultural and social awareness

What careers can English lead to?

- Journalist
- Teacher
- Writer
- Law
- Publishing
- Social Media
- Marketing
- Human Resources



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English Language Course

TIPS:

- Students have been taught Paper 1 and are currently being taught Paper 2
- Key revision strategy: practice, practice, practice
- WRITING: Learning ambitious vocabulary, punctuation and reading texts
- READING: knowledge of how to approach and structure each question
- Mr Bruff videos on YouTube
- Timings are key!



AQA GCSE English Language

Paper 1 50%

Paper 2 50%

Section A:

Reading

1 unseen literature
fiction text

Section B:

Writing

Descriptive or
narrative writing

Section A:

Reading

1 non-fiction and 1
literary non-fiction
text

Section B:

Writing

Writing to present
a viewpoint

Total exam time:

1 hour and 45 minutes

Total exam time:

1 hour and 45 minutes

All exams will be at the end of Year 11. You will also sit an English Literature GCSE.

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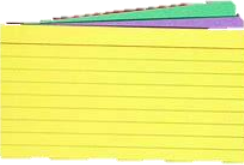
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English Literature Course



TIPS:

- Students have been taught all topics other than poetry
- Seneca is a great revision tool- weekly homework set using this
- Flash cards for key quotations, terms, themes and characters
- Mr Bruff videos on YouTube and @stacyreay on Instagram
- Past questions



AQA GCSE English Literature

Paper 1 40%

Paper 2 60%

Section A:
Shakespeare:
'Macbeth'

Section B:
19th Cent Prose
'A Christmas Carol'

Section A:
Modern Texts
'An Inspector Calls'

Section B:
Anthology poetry.
Power and Conflict cluster

Section C:
Unseen Poetry

Total exam time:
1 hour and 45 minutes

Total exam time:
2 hours and 15 minutes

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Mrs Hudson – Faculty Leader for Science and Technology

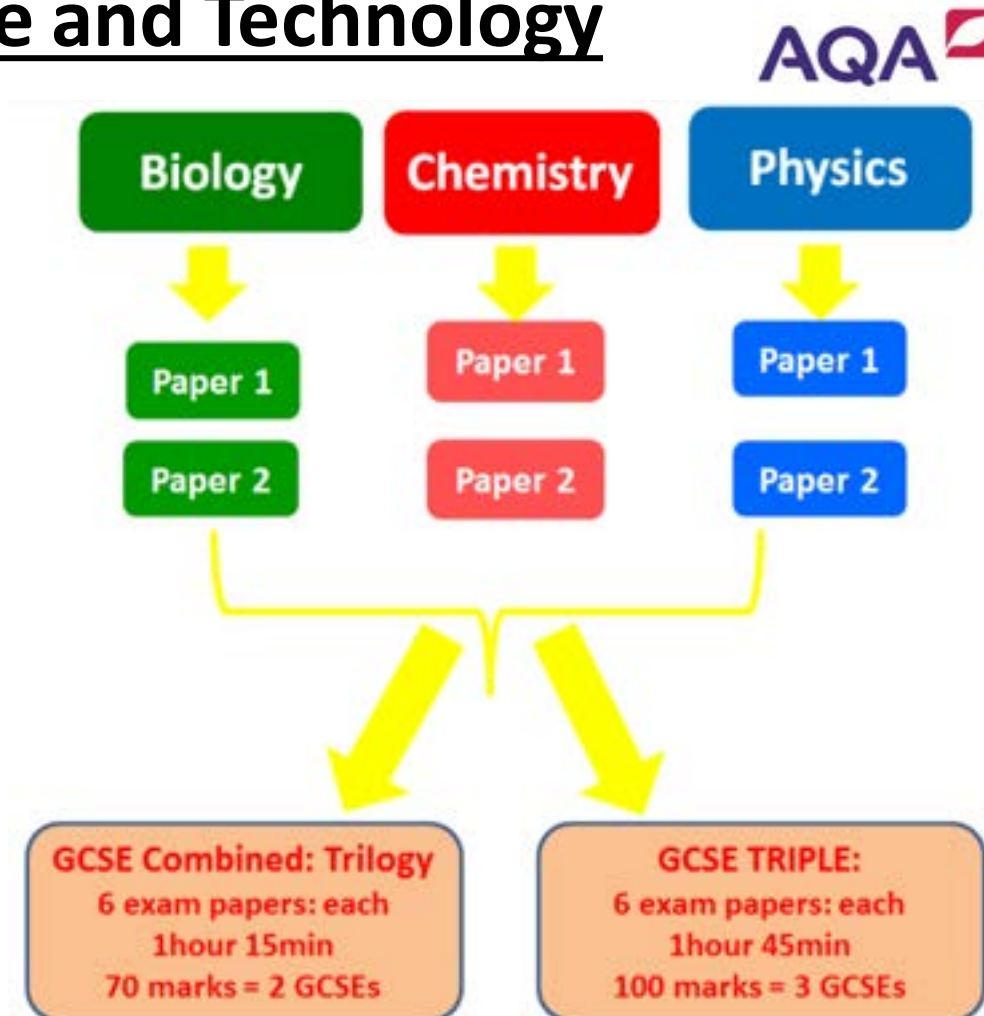
2 Pathways in Science:

Complete 24 topics across the 3 science specialisms.

All topics are assessed at the end of Year 11 - May 2023

Trilogy: Each exam will be 1hr 15mins, worth 70 marks and count towards 16.7% of the GCSE. Awarded two grades using the 9-1 grading system e.g. 5/5

Triple: Each exam will be 1hr 45mins, worth 100 marks and count towards 50% of the GCSE. Awarded grades for each subject e.g. Biology – 8, Chemistry – 7, Physics – 6.



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Tips

Revision book & Knowledge organiser

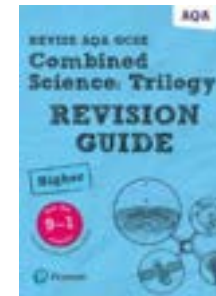
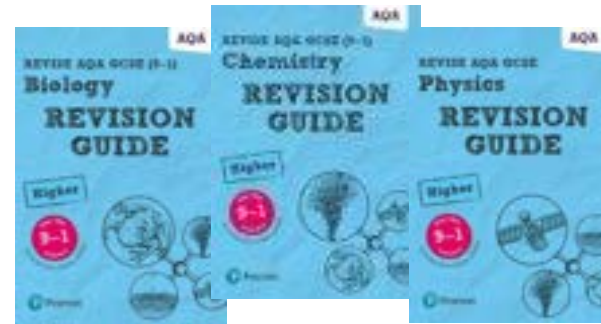
Lab books:

Trilogy: 21 RP

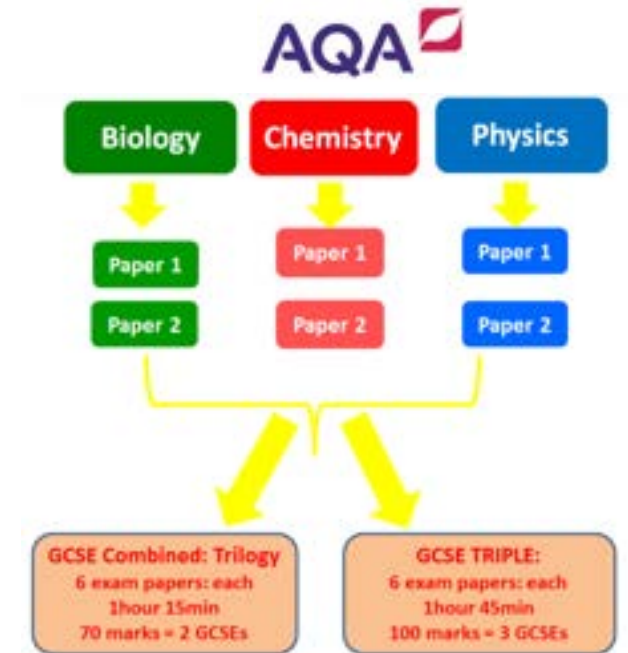
Triple: 10 Biology RP
 8 Chemistry RP
 10 Physics RP

Physics equation sheet
 Periodic table

[Seneca learning](https://app.senecalearning.com/dashboard/courses/add?Price=Free)
<https://app.senecalearning.com/dashboard/courses/add?Price=Free>



Scientific equipment



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Mrs Shorrock – Examination Routines and expectations



- Unauthorised items, such as a mobile phone, ANY watch or web enabled device could result in disqualification from your examination and your overall qualification – please leave unauthorised items in bags.
- Please ensure you are on time for all examinations. Contact Reception at the earliest opportunity in case of an emergency or serious illness.
- When in the exam room you must not talk to, attempt to communicate with or disturb others, this would be considered malpractice and could result disqualification from your examination and your overall qualification.
- You should wear full school uniform.
- You will need a clear pencil case, at least two BLACK pens and any other equipment required for the exam.
- A clear water bottle can be taken into the exam room providing the label has been removed.
- You should know the date, time and location of your exams - timetables will be issued in advance.
- Further information from the Joint Council for Qualifications regarding exam regulations, non-examination assessments and preparing to sit your exams can be found on the school website



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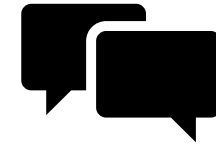
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Wellbeing and support



- Year 11 Mentoring scheme to commence October. Students to be assigned a key member of staff to support them with examination preparation, stress management, careers/guidance and destinations
- 'Futures Friday' to support all students with the preparation for college, destinations support and 6th form applications
- Student Voice – how can we support students with the examination season? What is our student voice saying and how can we support?
- Year 11 Leadership team
- Our dedicated body of staff

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Next steps



- Visit all faculty areas for key information regarding the lead up to the examinations
- Read the Information and Guidance booklets provided
- Keep communicating with key staff. In particular, your form tutor, Head of Year, Mrs Williams and Mr Kerfoot
- Continue working with all staff at Rudheath Senior Academy. We will ensure that we will support you and your families over the next two terms and onwards towards future destinations.



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Good Luck in your Pre-Public examinations

"THE GREATEST DANGER
FOR MOST OF US
IS NOT THAT OUR AIM
IS TOO HIGH
AND WE MISS IT
BUT THAT IT IS TOO LOW
AND WE REACH IT."

MICHELANGELO