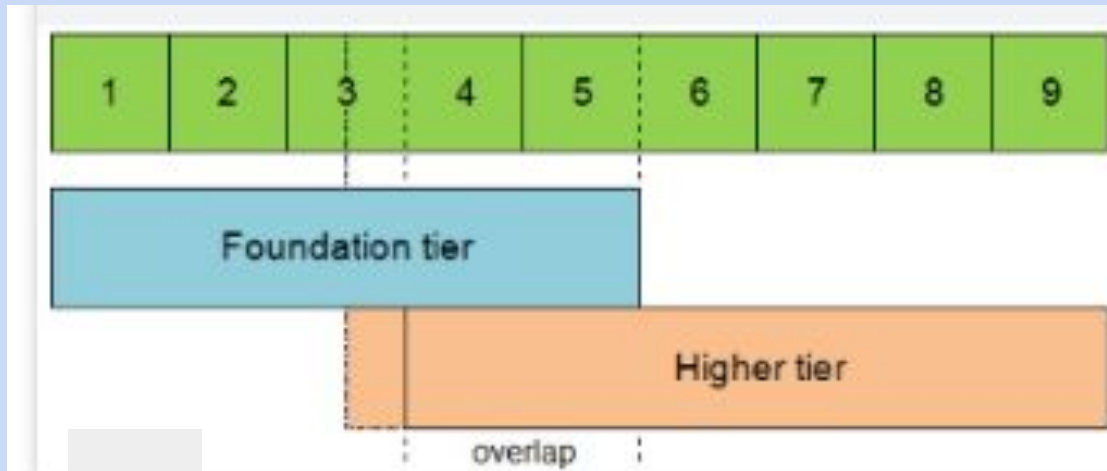


Do now:
Look at the GCSE content
lists... RAG each one- how
confident are YOU?

Do now:

Look at the content list
Does it matter?
Do YOU need to know all the content??
What are YOU?

GCSE Maths



Excelling at Maths: GCSE Revision Techniques

GCSE Maths

Weightings of topics vary depending on tier of entry

Topic Area	Foundation Tier (%)	Higher Tier (%)
Number	25	15
Algebra	20	30
Ratio	25	20
Geometry	15	20
Probability and statistics (combined)	15	15

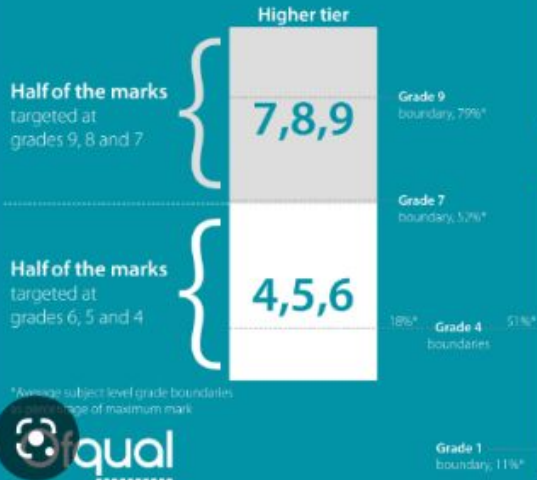
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GCSE maths (9 to 1) mark allocations and 2017 grade boundaries



Health Warnings, please refer to
Guide to GCSE results for England, 2017



GCSE Maths

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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>

GCSE

Maths



Revision in Maths

1. What to revise
2. How to revise
3. Finding help
4. How you can help

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1. WHAT to revise?

What you LIKE?
What you're GOOD AT?

1. WHAT to revise?

What you
NO!!!!!! The opposite!!!
WHAT ARE YOU GOOD AT?

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1. WHAT to revise?

Use the topic list and RAG it
Work on RED then AMBER

1. WHAT to revise?

Check relevance for your child's
target grade- do they need to
know EVERYTHING?

**Check with their teacher if
you are unsure**

1. WHAT to revise?

Topic list- contents page/
corbett list/ booster pack/ book

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1. WHAT to revise?

Use the QLA from the Mock to
help RAG!

**Remember: this doesn't cover
EVERYTHING!**

2. HOW to revise?

Check understanding

Try Questions

Practice, practice, practice

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2. HOW to revise?

WHAT will they do WHEN?

**Split similar topics up so they
revisit information**

2. HOW to revise?

Revisit topics: Start each session with one question from last time to check they can remember it

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2. HOW to revise? Revision guides

Do they have/need???

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2. HOW to revise?

Mymaths booster packs

Revision and assessment then the right booster pack for them.
Do the whole pack and they have done their grade :-)

Excelling at Mat

The screenshot shows the MyMaths website interface. At the top, there is a navigation bar with 'Log out', 'Help', and 'Teacher Dashboard' links, a search bar, and a 'My portal login' button. Below the navigation bar, the 'Select Curriculum' section is visible, with a dropdown menu set to 'Classic MyMaths'. A list of curriculum options is shown, including 'Revision and assessment', 'GCSE booster pack: grades 1 and 2', 'GCSE booster pack: grades 3 and 4', 'GCSE booster pack: grades 4 and 5' (highlighted with a right-pointing arrow), 'GCSE booster pack: grades 6 and 7', and 'GCSE booster pack: grades 8'. The main content area is titled 'GCSE booster pack: grades 4 and 5'. It features a list of topics on the left: Calculations, Factors, powers, roots, Fractions, percentages, Measures, estimation, Algebra, Formulae, functions, Linear equations (highlighted with a right-pointing arrow), Quadratic equations, Simultaneous equations, Inequalities, Sequences, and Linear graphs. The right side of the page displays a list of resources for the 'Linear equations' topic. The resources include: 'G45 Assessment: Linear equations worksheet (4 and 5)', 'G45 Revision: Linear equations (4 and 5)', 'G45 Equations 3 - both sides' (highlighted in green), and 'G45 Equations 4 - brackets'. The 'Equations 3 - both sides' resource includes a description: 'Understanding how to solve equations where the variable appears on both sides.' and buttons for 'Lesson' and 'Online homework'.

2. HOW to revise?

Corbett maths exam booklets

The screenshot shows the Corbettmaths website. At the top is the logo, a stylized 'C' with a play button icon, and the text 'Corbettmaths'. Below the logo is a navigation menu with links: 'Welcome', 'Videos and Worksheets', 'Primary', '5-a-day', 'More', 'Revision Cards', and 'Books'. The main content area is titled 'Videos and Worksheets' and features a large orange heading 'Videos and Worksheets'. Below this, there are links for 'Practice Questions' and 'Textbook Exercise'. A yellow arrow points from the text 'Practice Questions for each topics are exam style. Answers also there!' to the 'Practice Questions' link. On the right side, there are two blue boxes: 'GCSE Revision Cards' and '5-a-day Workbooks'. The 'GCSE Revision Cards' box shows a stack of colorful cards and mentions 'Available for GCSE Higher or Foundation Tier'. The '5-a-day Workbooks' box shows a stack of colorful workbooks.

Practice Questions for each topics are exam style. Answers also there!

Excelling at Maths: C

2. HOW to revise?

5 a day booklets

GCSE pod

Excelling at Maths: GCSE Revision Techniques

3. Finding help

Mymaths lessons

Corbett videos

GCSE pod videos

Maths clinic- lunchtime E2

Excelling at Maths: GCSE Revision Techniques

3. Finding help- Mymaths lessons

The screenshot shows the MyMaths website interface. At the top, there is a navigation bar with 'Log out', 'Help', and 'Teacher Dashb...'. A search bar is located on the right, with a magnifying glass icon and the text 'Search...'. A yellow arrow points to the search bar with the text 'Search for a topic'. Below the navigation bar, there is a 'Select Curriculum' section with a dropdown menu set to 'Classic MyMaths'. A 'Filter' dropdown is set to 'Everything'. On the left, there is a sidebar with a 'Library' section containing 'Latest' (highlighted in green), 'Algebra', 'Shape', 'Data', 'fskills', 'Revision and assessment', and 'Activities'. A yellow arrow points to the 'Latest' section with the text 'Work through the lesson'. The main content area is titled 'Latest' and displays a list of lessons. The first lesson is '6 Volume of cuboids and cubes - small step' with a description 'Calculating the volume of cuboids and cubes.' and buttons for 'Lesson' and 'Online homework'. Below it are several other lessons related to volume, such as 'Using the volume of cuboids - small step', 'Volume of composite shapes made from cuboids - small step', 'Volume of prisms - small step', 'Volume of cylinders - small step', 'Volume of spheres - small step', 'Using the volume of spheres - small step', 'Volume of pyramids - small step', and 'Volume of cones - small step'. At the bottom left, there is a small inset image of a smartphone displaying the MyMaths website.

Excelling at

4. Finding help- Corbett videos

The screenshot shows the Corbettmαths website. At the top left is a logo consisting of a black circle with a white play button symbol. To its right is the text 'Corbettmαths'. Below the logo and text is a navigation bar with links: 'Welcome', 'Videos and Worksheets', 'Primary', '5-a-day', 'More', 'Revision Cards', and 'Books'. The main content area has the heading 'Videos and Worksheets' in a large, orange, bold font. Below this heading is a purple link that says 'Click here for answers'. Underneath, there is a list of video topics with links to 'Video 1', 'Practice Questions', and 'Textbook Exercise' for each. The visible topics are: '2D shapes', '3D shapes: faces', '3D shapes: nets', and '3D shapes: vertices, edges, faces'. On the right side of the page, there are two promotional boxes. The top one is titled 'GCSE Revision Cards' and features an image of a stack of colorful cards. The bottom one is titled '5-a-day Workbooks' and features an image of a stack of colorful workbooks.

Find the topic then watch the video

3. Finding help

GCSE pod videos

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3. Finding help

Maths clinic- lunchtime E2: Bring a topic or question

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4. How can YOU help?

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4. How can YOU help?: Active Revision



FLASH CARDS

- 1) Ask your child to create flashcards with a question on one side and answers on the other.
- 2) Take a pile of flashcards from your child, asking them questions on the card.
- 3) For each question they get wrong, place the card in one pile. For each question they get wrong, place the card in another pile.
- 4) At the end of the session, ask your child to go and revise the questions they didn't get correct.

Within maths it is better to learn a formula rather than the answer to a question.

Example: How do you find out the area of a triangle

NOT: Can you find the area of this triangle



MIND MAPS

- 1) Take a blank piece of paper.

Give your child 5-10 minutes to create a mind map of everything they can remember on a topic from memory. For example, Macbeth.

At the end of the 10 minutes or when they can't remember any more information, get them to use the text to fill in any information they missed.

- 2) Create a mind map from memory of the missing information.

Your support really matters



“I owe a lot to my parents, especially my mother and my father.”

Greg Norman, golfer



“[My parents] were just so happy and proud of me and my toughest critics, and very, very hard to please”

Emma Radacanu

US Open Champion 2021

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4. How can YOU help?: Understand the challenge

GCSEs are more difficult now than they were previously, very few subjects have coursework, all exams are at the end of the course in Year 11

This puts extra challenges on students, teachers and parents unless we plan well for this • Proportions of grades are fixed – only a certain % of students can gain each grade

Covid 19 has also meant students have had disruption to their normal learning

The only answer to these challenges is to work consistently hard and work smarter

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4. How can YOU help?

To succeed
students
must...

Have excellent attendance

Attendance band	P8 group	P8 cumulative	A8 group	A8 cumulative
95-100% (84)	+0.95	+0.95	6.36	6.36
90-95% (121)	+0.75	+0.83	6.06	6.19
85-90% (44)	+0.17	+0.71	5.38	6.04
80-85% (17)	-0.46	+0.64	4.62	5.95
0-80% (25)	-1.01	+0.51	3.84	5.82

Excelling at Maths: GCSE Revision Techniques

TERM	Key Events	Key Focus
Term 2 Oct - Xmas Prep	<ul style="list-style-type: none"> - Mock Results - Apply for college/sixthform /apprenticeships Motivation and goal setting (Must get Maths 4+)	Doing the basics well – attendance, focus effort • Start thinking about Sixth Form and College choices • Completing high quality classwork and homework • Revising for mock exams using high impact strategies – active revision - revision cards, Mind maps, testing
Spring half term 1 Revision	<ul style="list-style-type: none"> - Feb half term revision sessions - 2nd Mock exams 	Working hard and attending interventions • Creating high quality revision notes and revising using high impact strategies – Revision cards, Mind maps, Quizzing, Cornell Notes etc
Spring half term 2 10 weeks to make a difference	Teachers stop teaching new content and students must be fully focussed on their revision • 20th March- 10 weeks to make a difference – Easter Holidays. Students must be revising and attending revision sessions when required	<ul style="list-style-type: none"> • Focus on making sure you are working hard and revising using the high impact revision strategies • Revise, Revise, Revise!
Summer Term 1	Week 15th May – GCSEs Due to start	Revise! Revise! Revise!



4. How can YOU help?

- Practise questions (for Maths this is 90% of revision)

Maths Genie- Past papers with worked solutions, mark schemes and walking talking mock videos

- Corbett maths- Practice GCSE exam papers including topic specific papers
 - On Maths.com mark as you go/ demon topics / watch and try

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4. How can YOU help?

Approaching the exams

- Reduce other commitments like work or hobbies – but keep enough to maintain good mental health.
- Ensure that attendance is good. Medical appointments need to be outside school time (as far as possible) and please do not take holidays during term time.
- Plan quality time off.
- Students should work increasingly in silence with no electronic distractions.

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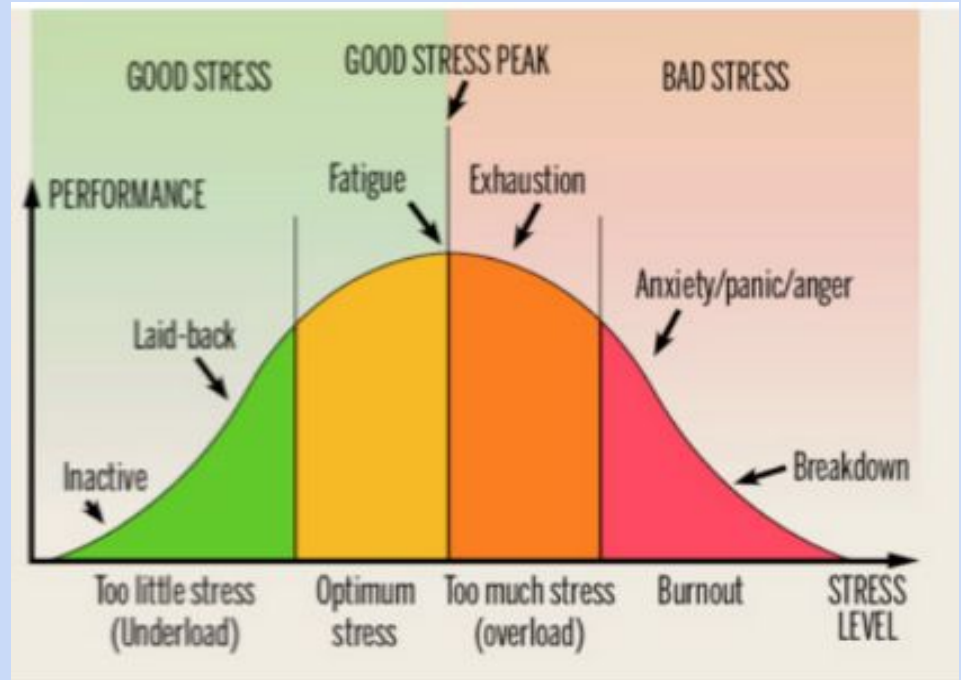
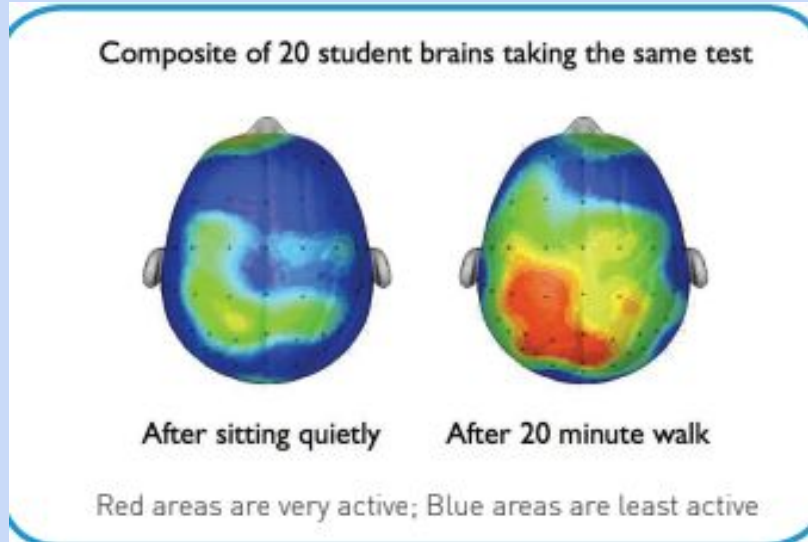


Key Vocab in Exams

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4. How can YOU help?

The science behind the suggestions we have made



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Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8am – 8:30am	Attending before school intervention for History	Completing 10 Tassomai quiz questions for Science	Reading a quality newspaper	Going to breakfast club at school	Re-reading notes, creating a revision card	Having a lie-in!	
8:30am -9am	Tutor time in school is essential time – students are in subject focussed tutor groups e.g. Science focussed tutor group with Mr Rahman						
9am-3pm	In school in lessons (Attending lunchtime study sessions when required)					10am - 12pm Tassomai App questions/ Mathswatch work	10am - 1pm Making revision notes for Science, History and RE
3pm - 4pm	Attending a subject intervention	Attending a subject intervention	Football practise	Attending a subject intervention	Meet friends		
5pm – 6pm	Maths/Science	English	History/Art	RE/Maths	Science	Reading	Checking Homework ready for Monday
6pm – 7pm	Dinner with family. Watch some TV. Relax.						
7pm – 8pm	History/English	Maths/Science	RE/Maths	Science/English	Time with family	Time with family and friends	Art/English
8pm – 9pm	RE/Art	History/Art	Science/English	Time with family			Time with family

Thank you for your feedback

We really appreciate your continued contributions and feedback.



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