



Year 11 Raising Achievement Evening

Maths



ASHLYNS SCHOOL



GCSE Maths examinations



Students will sit three papers, each 1 hour and half hours long.

One paper is Non-calculator.

Two papers are Calculator papers.





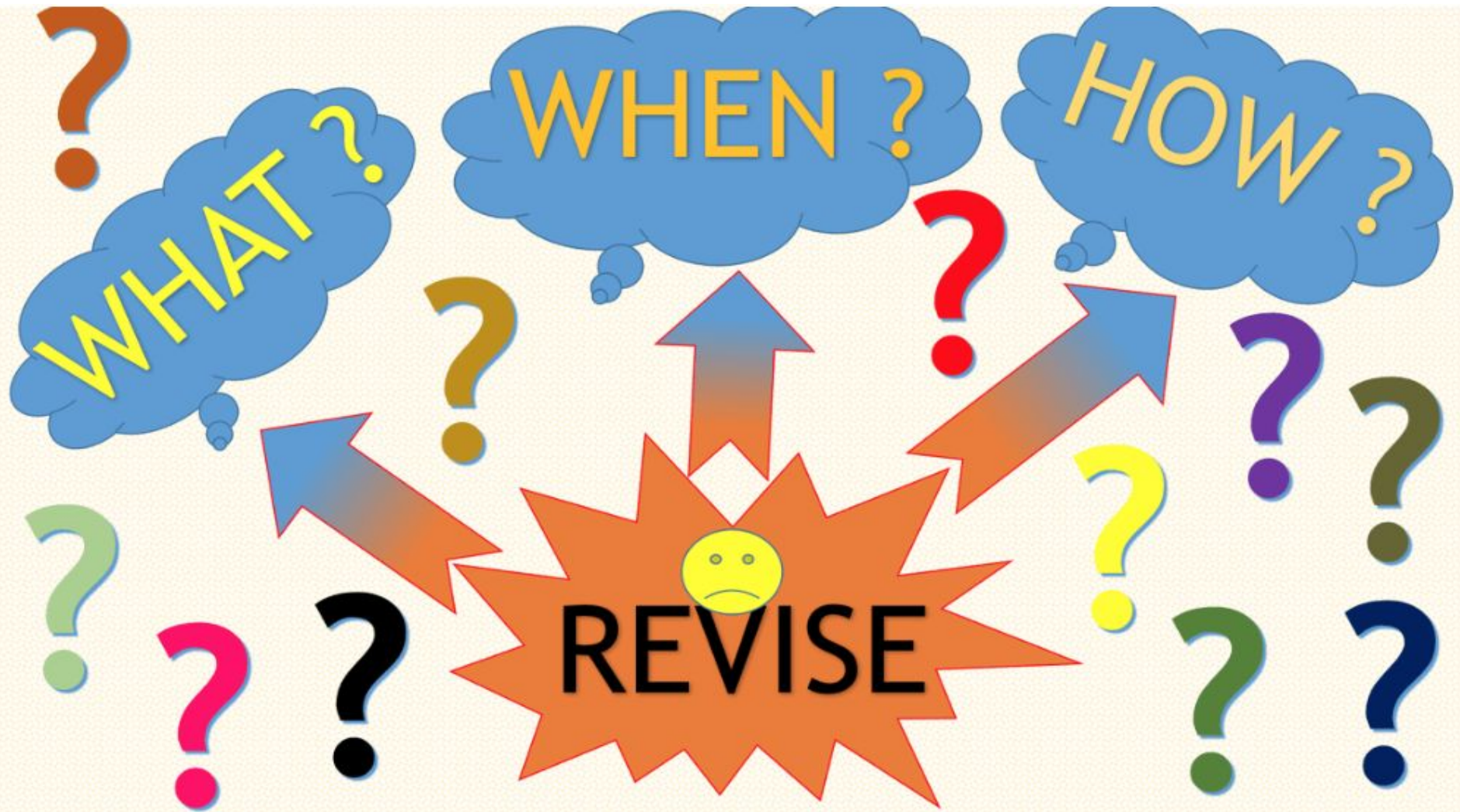
Planning revision



Few subjects cause so much stress as revision.

The key to success in exams and revision often lies in the right planning.







Get organised

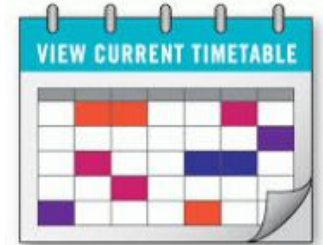
- Get all material together and check it is complete.
- Organise work – books, worksheets, past-papers.
- Organise equipment – pens, pencils rulers, compass, protractor, calculator. Coloured pens, index cards, post it notes.





Divide up time and plan ahead

- In general, a series of 30-minute or 40-minute sessions followed by 10-minute or 15-minute breaks is advisable.
- Vary the style of revision.
- Change topics ... but not too many in one day.





What to revise



- Use the RAG sheet from the trial exam.
- Start with the amber – just a memory jog.
- Move onto the red topics – check with the teacher as to whether the topic has been covered





Revise actively

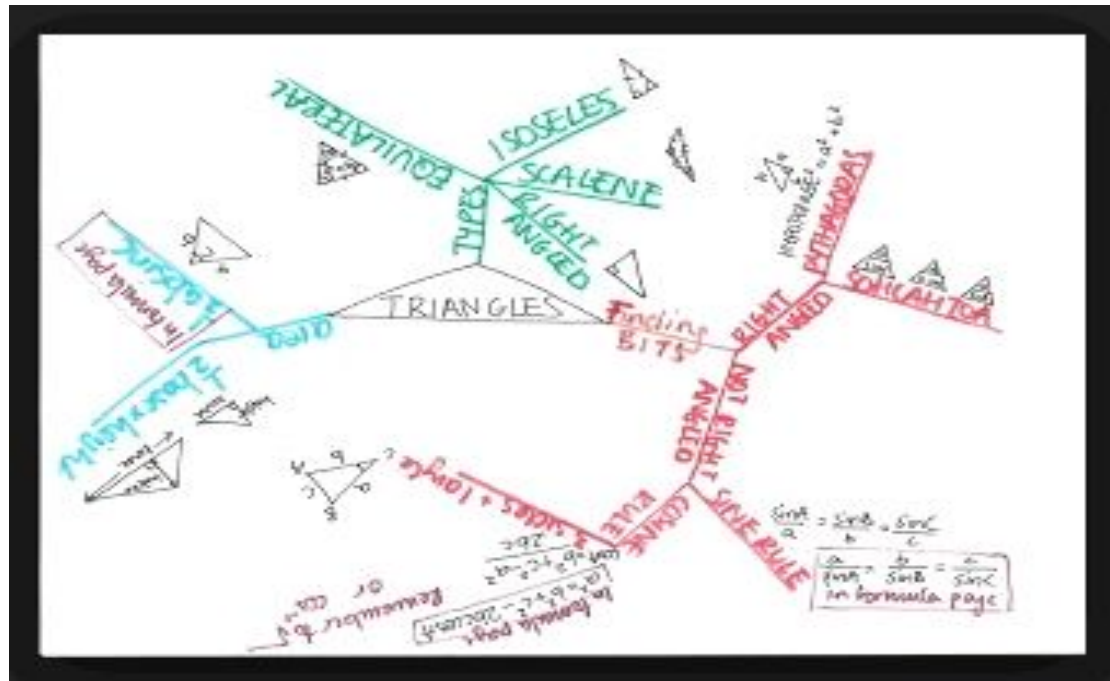
- It doesn't matter which way they revise as long as it is an active process – for maths reading through notes does not work!!





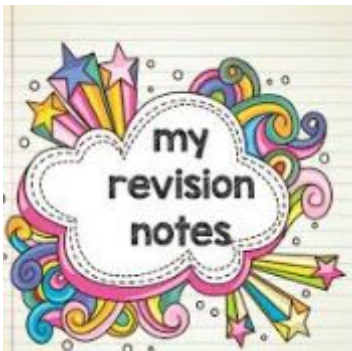
Revision Methods

- Draw a mind map which shows which parts of Maths link with each other.





- Write notes in short blocks and organise them afterwards – use index cards with a small amount of information on each.



Diameter = radius x 2

Circumference = π x d

Diameter (d)



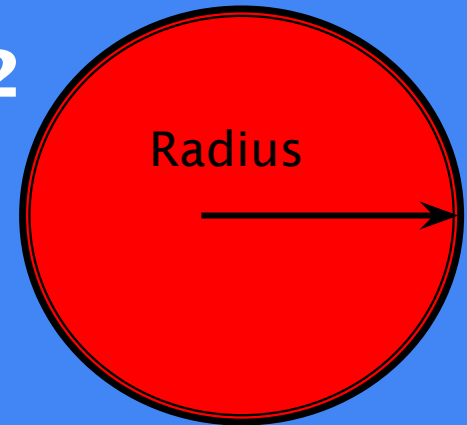


- Try to recall information frequently – flick through the index cards everyday



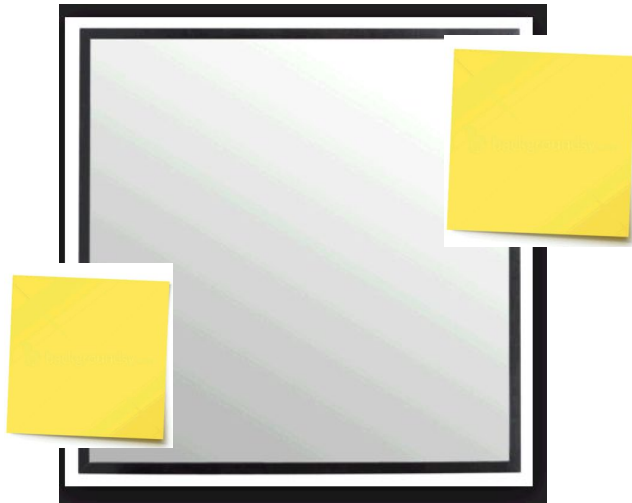
Radius = diameter \div 2

Area = $\pi \times r^2$





- Create your own memory picture – stick the facts you want to remember on walls, doors and mirrors!





Talk



Talk through key facts:

‘ What do I know about angles?’

‘Angles on straight lines add up to 180 degrees’

‘Angles in a triangle add up to 360 degrees’





Rehearse, rehearse



- **Practise past-paper questions** – help themselves if they get stuck: notes, revision book, Mathswatch, Mymaths
- **Add the new fact to your index cards.**





Login: ashlyns

Password: algebra



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Login: 'initial surname'@ashlyns
Password: Ashlyns16

Videos

- GCSE
- Foundation or Higher
- Topic

Extras

- GCSE
- List of topics
- Formulae sheet – to learn
- Formulae sheet - given





The “Videos” section gives access to lessons covering your curriculum.

Each lesson comes in two versions (GCSE only). A full-length explanation video and a One-Minute version ideal for quick revision.

The screenshot shows a user interface for a video lesson. At the top, there are navigation tabs: 'Clip 1 Place Value', 'One Minute Maths', 'Interactive Questions', and 'Worksheet'. The main content area features a blue background with the text 'Clip 1' and 'PLACE VALUE' in large yellow letters. To the right, there is a search filter section titled 'Find a Clip' with dropdown menus for 'Qualification' (set to GCSE), 'Tier' (All), 'Grade' (All), and 'Topic' (All), along with a 'Search' input field. Below this is a 'Choose Clip (245)' section with a table listing various clips.

Clip	Title
1	Place Value
2	Ordering Integers
3	Ordering Decimals
4	Reading Scales
5	Simple Mathematical Notation
6a	Real-Life Tables - Time
6b	Real-Life Tables - Timetables and Distance Tab
7	Introduction to Algebraic Conventions
8	Coordinates





For a very **quick** revision



Watch the clips, making sure you do the questions on the clips.

For a very **thorough** revision



Decide how many topics you wish to revise at a time (let's say 10)



Print off the worksheets for the clips you want to revise from the worksheets eBook.



Go to 1 Minute Maths and watch these 10 clips making sure you do every question on each clip



Have a rest



Now do some (or all) of the questions from the worksheets you have printed off and check the answers when you have finished.



Move onto the next set of clips you want to revise



Can't do a question and the clip goes too fast for you?



Watch the full-length clip on the main menu and try again



Forgot how to do a question?



Watch the 1 Minute Maths clip and try again





MathsWatch Ltd

Six Week Revision Schedule for the GCSE Foundation Maths Exam

	Number	Algebra	Ratio & Proportion	Geometry & Measures	Probability & Stats	Total time of clips (OMM)	Grade	Completed?
Monday	1, 2, 3, 4, 5, 6	7, 8				8 mins	1	
Tuesday				9, 10, 11, 12, 13	14, 15, 16	8 mins	1	
Wednesday	17, 18, 19, 20	33, 34, 35	38, 39			9 mins	2	
Thursday	21, 22, 23	36, 37	40, 41, 42			8 mins	2	
Friday	24, 25, 26			43, 44, 45, 46, 47	57, 58	10 mins	2	
Saturday								
Sunday								
Monday	27, 28, 29			48, 49, 50	59, 60	8 mins	2	
Tuesday	30, 31, 32			51, 52	61, 62, 63	8 mins	2	
Wednesday				53, 54, 55, 56	64, 65	6 mins	2	
Thursday	66, 67, 68, 69	93, 94, 95	105	112		9 mins	3	
Friday	70, 71, 72, 73, 74	96, 97	106			8 mins	3	
Saturday								
Sunday								
Monday	75, 76, 77	98, 99	107	113		7 mins	3	
Tuesday	78, 79, 80	100, 101		114a/b, 115		8 mins	3	
Wednesday	81, 82, 83	102, 103, 104			125, 126	8 mins	3	
Thursday	84, 85			116, 117, 118	127a/b	7 mins	3	
Friday	86, 87, 88, 89		108, 109, 110			7 mins	3	
Saturday								
Sunday								
Monday	90, 91, 92		111	119	128, 129	7 mins	3	
Tuesday				120, 121, 122, 123, 124	130a/b	7 mins	3	
Wednesday	131, 132	133		145, 146a/b, 147		7 mins	4	
Thursday		134a/b, 135(a or b)	142, 143	148		6 mins	4	
Friday		136, 137	144	149		4 mins	4	
Saturday								
Sunday								
Monday		138, 139, 140, 141			151	5 mins	4	
Tuesday				150a/b	152, 153	4 mins	4	
Wednesday	154		164			2 mins	5	
Thursday	155	157, 158				3 mins	5	
Friday	156	159a/b		165		4 mins	5	
Saturday								
Sunday								
Monday		160, 161		166		3 mins	5	
Tuesday		162		167		2 mins	5	
Wednesday		163		168		2 mins	5	
Thursday				169, 170, 171	175	4 mins	5	
Friday				172, 173, 174	176	4 mins	5	





Check progress



- Make sure they allow time to check that they have improved their knowledge and understanding.
- Encourage them to test themselves from time to time.
- At the end of every revision day, look at the goals that were set and assess how far they have achieved that goal.





Check progress

□ Could they do more?



□ Have they used a range of resources to help themselves?

□ Would they get all the marks?

□ Are they answering the question asked?





Check progress

- Do explanations make sense?
- Have they included a conclusion?
- Have they used comparisons in their reasoning?
- Have they made enough points?





A greater proportion of candidates are taking insufficient care in writing figures which are ambiguous, and prohibits the award of marks

**THE
Examiner**



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- *Consider layout as well as calculation*
- *Impress on candidates the need to set their working-out carefully*
- *Poor presentation was a concern*
- *Candidates should communicate the meaning of their calculations*

**THE
Examiner**





▣ *More successful students structured their work clearly in a traditional vertical manner*

**THE
Examiner**



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- ▣ *Mis-reading own numbers*
- ▣ *Cramped working*
- ▣ *Working too difficult for examiner to follow*

THE
Examiner





**Stick
with it!**


**KEEP
CALM
AND
DO SOME
REVISION**

**“Trust yourself.
You know more than
you think you do.”**

— Benjamin Spock



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