



**THE SNAITH
SCHOOL**

Maths Revision

Three exam papers

Paper	Length	Date / Time
1 (non calculator)	1hr 30m	Thursday 15 th May am
2 (calculator)		Wednesday 4 th June am
3 (calculator)		Wednesday 11 th June am

What to expect from the exam papers FOUNDATION

80 marks available on each paper

Grade	5	4	3	2	1
June 2024 Scores	186	157	117	77	37
Percentage 2024 grade	78	65	49	32	15

What to expect from the exam papers HIGHER

80 marks available on each paper

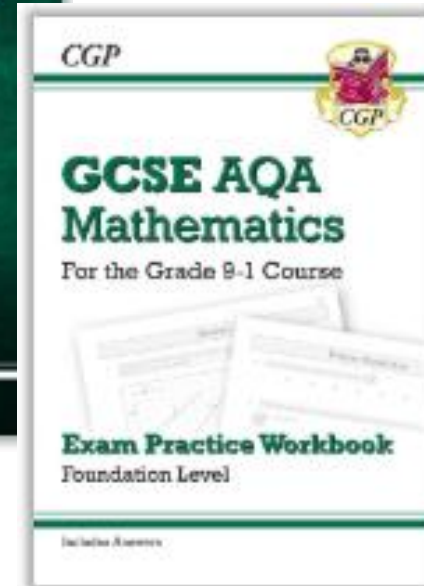
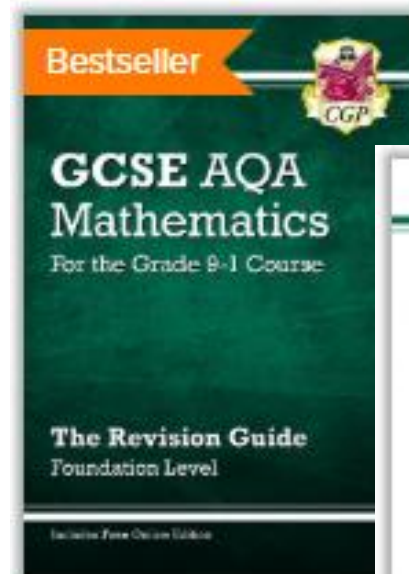
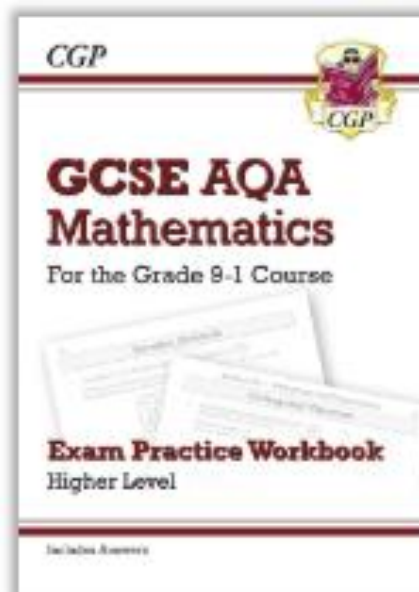
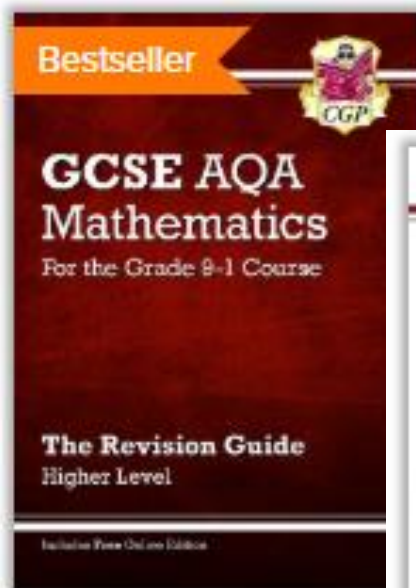
Grade	9	8	7	6	5	4	3
June 2024 Scores	219	191	163	129	95	61	44
Percentage 2024 grade	91	80	68	54	40	25	18

Successful maths revision is all practice, practice and more practice

- Choose a topic from your priority list to revise and then practise questions on it
- No longer than 40mins at a time
- Completing past papers will take a little longer but you can break them down into shorter sections

CGP revision guides and workbooks

Revise a topic at a time



What you can do to support maths revision

- Create a schedule of priority revision topics following the mock exam analysis
- Test formulae, they need memorising!
- Keep attendance up, we'll be revising different topics each lesson
- Paper 1 is non-calculator and we see a lot of numeracy errors, keep testing times-tables and adding/subtracting with negatives
- Ask if students are attending revision sessions

Please take a six week
revision timetable on
mathswatch

Write and learn formula

Still need to know

Area of triangle = $\frac{1}{2}$ x base x height

Area of parallelogram = base x height

Area of rectangle = base x height

Formula for speed = distance/time

Formula for density = mass/volume

Formula for pressure = force/area

SOHCAHTOA as formula sheet is not clear

Perimeter, area and volume

Where a and b are the lengths of the parallel sides and h is their perpendicular separation:

$$\text{Area of a trapezium} = \frac{1}{2}(a + b)h$$

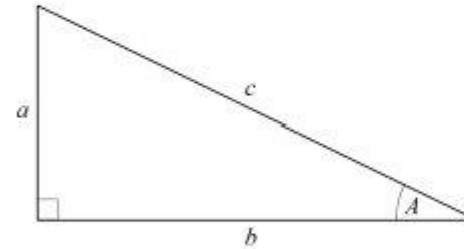
Volume of a prism = area of cross section \times length

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

Pythagoras' Theorem and Trigonometry



In any right-angled triangle where a , b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a , b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

$$\text{Total accrued} = P \left(1 + \frac{r}{100} \right)^n$$

Probability

Where $P(A)$ is the probability of outcome A and $P(B)$ is the probability of outcome B :

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

A few things that can help your child revise for Maths

- Set yourself a time limit
- Ensure you include rest breaks
- Have a quiet space away from any distractions
- Put your mobile phones to one side
- Have your revision guides/exam practice workbooks to hand
- Ensure you have equipment ready such as pen, pencil, flash cards etc

Useful websites for Maths Revision

- www.vle.mathswatch.com (your child already has their MathsWatch log in, if not they can ask their class teacher)
- www.corbettmaths.com there is no subscription required, on this website are numerous worksheets/videos and past exam papers as well.
- <https://www.mathsgenie.co.uk/> on this website there are lots of revision material available and also past exam papers.
- www.tassomai.com You will learn more about this from the Science department
- PLEASE NOTE OUR EXAM BOARD IS AQA, but maths is maths, all practice is good

How to use your Revision Guide

Pick a topic you want to revise, find it in your revision guide using the contents page.

1 →

Read the page.

2 →

Make a list of the key vocabulary then add their definitions

3

Copy the worked example, adding annotations to explain each stage.

4 →

Do the task at the bottom of the page.

5 →

Check your answers, try to work out where you went wrong (if you went wrong!)