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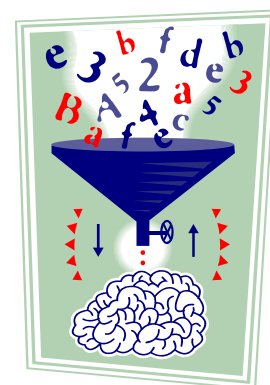
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## GCSE Classroom Resource How do you Revise Mathematics?

These are some tips to get you through your GCSE Mathematics

There are some areas you need to work on

1. Mathematical Knowledge
2. Mathematical Skills
3. Getting Mathematically Fit
4. Examination Practice - Getting better at doing Examinations
5. General Tips on Revision
6. Finally some tips for the Examination day



### 1. Mathematical Knowledge

You need to know the essentials of each topic. We don't just mean formula. (Yes, knowing the formula helps as it gives you greater confidence) but knowing some methods are important too! Just looking through your work again will help you revise - revise means to **Re- Look –at-your work.**

**Flash Cards or Key Notes are essentials.**

What Topics have you done this Year? Look at your exercise books, class books and text books. **Try to write down a card or a paragraph for each topic.** For this you should **Summarise the topic.**

What are the key things?

How does this help? You'll make connections between what you've done in class and what you need to remember and learn. That helps form the right type of electrical circuits in your mind.

### Mathematical Skills

You need to practice what you've learnt. That way you'll develop your skills. Do some revision questions for each topic. You can also try to tackle at least one examination past paper each week. Mark it when you've finished it. Hopefully you will see yourself becoming more sure and more confident.



### 3. Getting Mathematically Fit

Mathematics requires a different way of thinking from many other subjects. Getting tuned into this part of your mind is really important. Mental arithmetic is one part of this, so try setting yourself some mental challenges as you're cycling or walking.

#### Examples :

- working out sums in a certain ratio ( divide £360 between 2 people in the ratio of 3:1). Keeping calculations in your head is a good skill to develop.
  - Next time you're shopping, add up the basket and decide what change you'll get.
  - Magic squares are good for arithmetic and number patterns.
- Working with a partner will really help as you can set mental challenges for each other.

Spatial awareness and logic are other components to develop. How? **Games like Chess are really good for this.**

### 4. Examination Practice - Getting better at doing Examinations

*It's a fact : the more exams you take, the better you get at taking them.* That doesn't mean you'll get higher and higher marks, it just means you become more proficient at the techniques.

For example :

- You aren't so nervous.
- You learn to take exams in your stride – they will be part of your life from the ages of 14/15 to 21/22 and sometimes beyond.
- You get better at revising, and you start earlier. You become a better "student" and become organised.

### 5 General Tips for Revision : Be organised about your revision.

Draw up a timetable, put all your activities down, and allow time for fun as well as for revision.

**Allow time for exercise.** Swimming is really good to do during examinations. That's really important as you may become stressed about exams and some exercise will help you to relax.

## **6. Finally some tips for the Examination day**

Be on time for your exams.

Know where you're supposed to go. Don't leave this to the last minute or you'll get in a panic.

At the start of the Exam - Try Deep breathing : this will help you to stay calm during the start of the exam.

Try to relax when you're taking the exam – your mind and memory will work better the more relaxed you are.

Start on a question you can do – build your confidence. Praise yourself during the exam....keep boosting your morale.

**Most of all : GOOD LUCK!!!!**

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