

Formula to build memory when revising



When we are studying for exams and revising, there is so much information to be learned. Let's be creative and look at ways to make this easier. There are so many examples of these formula on the internet but sometimes it is even better to make up your own.

There is a very good list of **acronymns mnemonics** on the following website link:
https://en.wikipedia.org/wiki/List_of_mnemonics#Art

Some of these may be relevant to your subject curriculum.
Write down the ones that are useful to you.
Test them out – if they don't help you to remember, bin them!



Acronyms

An acronym mnemonic sees you abbreviate information by creating a word where each letter stands for something.

Acronyms are very easy to remember but can only really be used for small amounts of information. Once your acronym is getting longer than 5 or 6 letters it may be hard to recall exactly what the letters stand for, especially if you have the same letter multiple times.

E.g. SOHCAHTOA in Mathematics

Sine over hypotenuse, cosine adjacent to hypotenuse, tangent opposite adjacent

By going through your work and **highlighting key information**, you can make up key acrostics or mnemonics of your own. Make these up for those facts which just don't seem to go in.

Make them personal to you using words that you will remember. Sometimes the funnier or ruder ones are easier to remember.

Your teachers may already have given you some Acronyms to remember:

E.g. English – SCC1 – Simple, complex, compound. 1 word

E.g. SPAG – Spelling, punctuation and grammar

Make colourful posters of these and post them around your room.

Write down a list of practise questions from a specific subject using past papers that you have already done.

Create acronyms and formulas to help you to remember them and then come back to them at a later date.

You will be amazed at how much you can remember.

Mathematical Formulae

A very good Maths website called StudyMaths.co.uk has an area where you can practise the formulae using clear examples.

The link is below:

<http://studymaths.co.uk/formulae.php>

Here are just a few of them:

Formula	Tier?	How to use the formula in words:	In Algebra:
Area of a Rectangle	F	Multiply the length by the width.	$A=L \times W$
Area of a Triangle	F	Multiply the base by the perpendicular height and divide by two.	$A=12 bh$
Area of a Parallelogram	F	Multiply the base by the height.	$A=b \times h$
Area of a Trapezium	F	Add together the parallel sides and multiply by the height. Divide your answer by two.	$A=12 (a+b)h$
Area of a Circle	F	Square the radius and multiply by pi.	$A=\pi r^2$
Circumference of a Circle	F	Double the radius and multiply by pi or multiply the diameter by pi.	$C=2\pi r$ or $C=\pi d$