



The
Lakes
School

Preparing for Your Maths GCSE

To prepare for your maths GCSE don't simply think about "revising". Instead, think about "**revision and practice**". It's really important with maths to ***practice*** your skills once you've refreshed your memory.

Step 1

Choose a broad topic, for example "Percentages".

You can decide on this topic in a number of ways:

- From the revision checklist
- From the full Edexcel syllabus
- From Mathswatch
- From your revision guide

Step 2

Review all the facts and skills you need to know about this topic.

Do this by reading your own notes and examples from Y10 & 11, any revision guides you own and, if you're a bit rusty on that topic you may watch the lessons on Mathswatch.

Put an R (for "I've read through this") in your book or revision guide.

For example, after revising Percentages at Higher level you should be able to put an R next to all of these:

- Percentage of an amount with a calculator
- Percentage of an amount without a calculator
- Change to a percentage with a calculator
- Change to a percentage without a calculator
- Hard calculator questions
- Overview of percentages
- Increase/decrease by a percentage
- Percentage increase/decrease
- Compound interest/depreciation
- Reverse percentages

Step 3

Time to **practice** the topic...

You can do this in a number of ways:

- Attempt the relevant Mathswatch homework or Booster Packs
- Download or attempt online questions from the relevant Mathswatch page
- Find relevant questions from a Past Paper or from OnMaths.com

Mark your answers, or bring them into school and go over them with a teacher.

Have a look at questions you got wrong: do you understand where you went wrong and what you should have done? If not, print the question out and bring it in to school.

Now, either put a P (for “Practiced”) or an H (for “Need Help”) next to that topic in your revision guide.

Make sure you follow up anything with an H next to it. A good idea is to have a list of topics or a folder of questions you need help with, and bring them in to go through with your maths teacher.

Next Steps

Repeat the above 3 steps for each broad topic until you have covered them all.

Mix it up a bit with some timed practice papers.

The key to success is lots of **practice**, so don't skimp or take short-cuts.

Good luck!

Links and Passwords

Mathsworkout

<https://www.mathsworkout.co.uk/>

username: thelakes

password : polygon13

Mathswatch

<https://vle.mathswatch.co.uk/vle/>

username: mymathslogin@lakes

Password: Personal

OnMaths

<https://www.onmaths.com>

Past Papers and Mark Schemes

<https://mathsmadeeasy.co.uk/gcse-maths-revision/edexcel-past-papers/>

Full Syllabus

<http://bit.ly/2ZOWr3K>

School's Revision Lists

<http://bit.ly/2Vb7DsP>