

When you get stuck...

Don't panic! Getting stuck is a healthy and essential part of learning. Try some of these ideas to help you move on...

- **Read** the question carefully. What is it asking you to do? Try putting it into your own words.
- **Underline** the key words & facts in the question to help you to work out what you need to do.
- Would it help to **draw a diagram** with all the information on?
- **Break** the question down. Is there **any part** you can do? What **formulas** or rules might be useful here?
- **Check** in your exercise book or the text book for any **notes** or **worked examples**.
- **Take a risk!** Try something you think might work. It could help you crack the problem!
- If all else fails, **make a note** of the question and **ask your teacher**.

Top tips for exam success

- Start your revision now. Create a revision timetable. Take regular breaks.
- Always mark your solutions and **correct any mistakes you make**.
- As you get near to the exam, start timing yourself when doing past papers. Aim to finish in the 90 mins allowed.
- Have all your equipment ready.
- Make friends with your calculator. The better you know how to use it, the more help it will be.
- In the exam, if you get stuck, move on to the next question. If you finish early, check through your answers for mistakes.

GCSE Maths Revision and Exam Preparation

In 2017, GCSE maths changed over to a new syllabus with new-style exams and a numeric grading structure. The new GCSE puts more emphasis on problem-solving skills and longer, multi-stage questions.

- Exam Board: OCR, Syllabus: J560
- Grades: 1 to 9 (highest)
- Tiers of entry: Foundation or Higher
- Three exams per tier

Foundation (Grades 1 to 5)	Higher (Grades 4 to 9)
Paper 1 90mins (Calc)	Paper 4 90mins (Calc)
Paper 2 90mins (Non-calc)	Paper 5 90mins (Non-calc)
Paper 3 90mins (Calc)	Paper 6 90mins (Calc)

New grading structure	Current grading structure
9	A*
8	A
7	A
6	B
5	B
4	C
3	D
2	E
1	F
1	G
U	U

GOOD PASS (DfE)
5 and above = top of C and above

AWARDING
4 and above = bottom of C and above

Typical GCSE maths requirements for courses:

- A Level maths: 6
- Further maths: 7
- A Levels (non-maths): 4/5*
- College L1 course: 2**
- College L2 course: 3**
- College L3 course: 4**

*Check Sixth Form prospectus for specific course requirements
**Check specific requirements with course provider

Start Now!

Try a past paper

Work through a past paper. Use **red pen** to show where you needed **screen cast support**.

Identify topics to work on

Make a list of topics to work on based on the red ink parts of your past paper.

Revise / Clarify understanding

Use the various learning resources to revise or clarify each **red topic**.

Test your understanding

Test your revised understanding using the various quizzes, questions and exercises available.

Yes

Feeling happier ?

No

Revision Resources

- Past Papers and Screencasts – via www.northgatemaths.co.uk
 - From Feb-Mar concentrate on OCR J567 (old syllabus), with screencasts, to identify topics to work on
 - From April-June concentrate on OCR J560 (new syllabus), with screencasts, to practise problem-solving skills
- Other exam board papers – e.g. Edexcel 1MA1, AQA 8300

- Past paper attempts – red ink
- Teacher advice & feedback on areas for improvement

- Topic Practice questions and screencasts
 - via www.northgatemaths.co.uk
- My Maths lessons
 - select 'GCSE 9-1 (Eng)' from drop down list on left of page
- Hegarty Maths videos (www.hegartymaths.com)
- Sparx Maths videos (www.sparxmaths.com)
- Maths Genie – <http://www.mathsgenie.co.uk/gcse.html>
- Revision Guides (e.g. CGP)
- Your own notes and worked examples
- Your maths teacher

- Maths Genie – <http://www.mathsgenie.co.uk/gcse.html>
- Hegarty Maths quizzes
- Sparx Independent Learning Tasks
- Revision Guide Workbook or Textbook exercises
- My Maths Homeworks and Booster Packs
- The red ink questions from your past papers

For exam resources, advice and information...

www.northgatemaths.co.uk

