

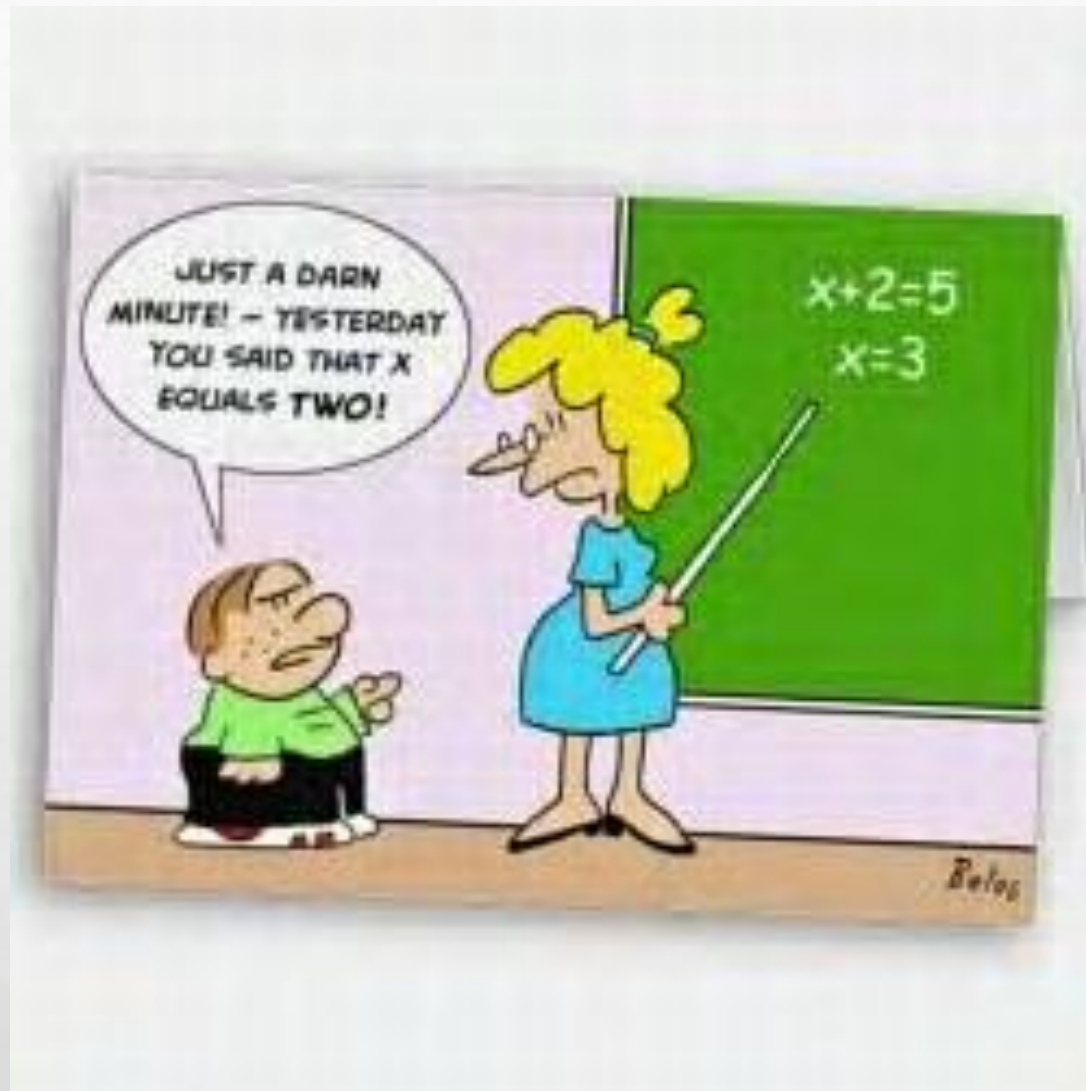
BRAES HIGH SCHOOL MATHS DEPARTMENT

IF YOU BELIEVE YOU WILL ACHIEVE









MATHS PATHWAYS

HIGHER MATHEMATICS

- **TRADITIONAL HIGHER QUALIFICATION CONTAINING ALGEBRA, CALCULUS, GEOMETRY AND TRIGONOMETRY**
- **REQUIRED FOR STEM SUBJECTS**

HIGHER APPLICATIONS OF MATHEMATICS

- **NEW QUALIFICATION FROM SESSION 2021/22**
- **COURSE COVERS MATHEMATICAL MODELLING, STATISTICS, FINANCIAL MATHEMATICS, PLANNING AND DECISION MAKING**

HIGHER MATHEMATICS 2022/23

- **THE TOPICS OF VECTORS AND RECURRENCE RELATIONS HAVE BEEN REMOVED FROM THE ASSESSMENT**

Higher

Component	Marks	Duration
Paper 1	55 marks	1 hour 15 minutes
Paper 2	65 marks	1 hour 30 minutes

HIGHER MATHEMATICS 2022/23

Assessment	Date	Papers
October Assessment – covering block 1 topics (Straight Line, Functions and Graphs, Differentiation and Circle)	End of October	Paper 1 – Non Calculator (50mins) Paper 2 – Calculator (50 mins)
Prelim 1 – covering above along with Integration, quadratics, polynomials and trigonometry	January	Paper 1 – Non Calculator (1 hour 15 mins) Paper 2 – Calculator (1 hour 30 mins)
Prelim 2 – covering whole course	March	As January

HIGHER APPLICATIONS 2022/23

- **THE ASSESSMENT CONSISTS OF A PROJECT AND A QUESTION PAPER.**

Project

30 marks

The project gives candidates an opportunity to demonstrate the following statistical skills, knowledge and understanding:

- ♦ applying statistical skills to data
- ♦ analysing data, interpreting and communicating findings using statistical skills

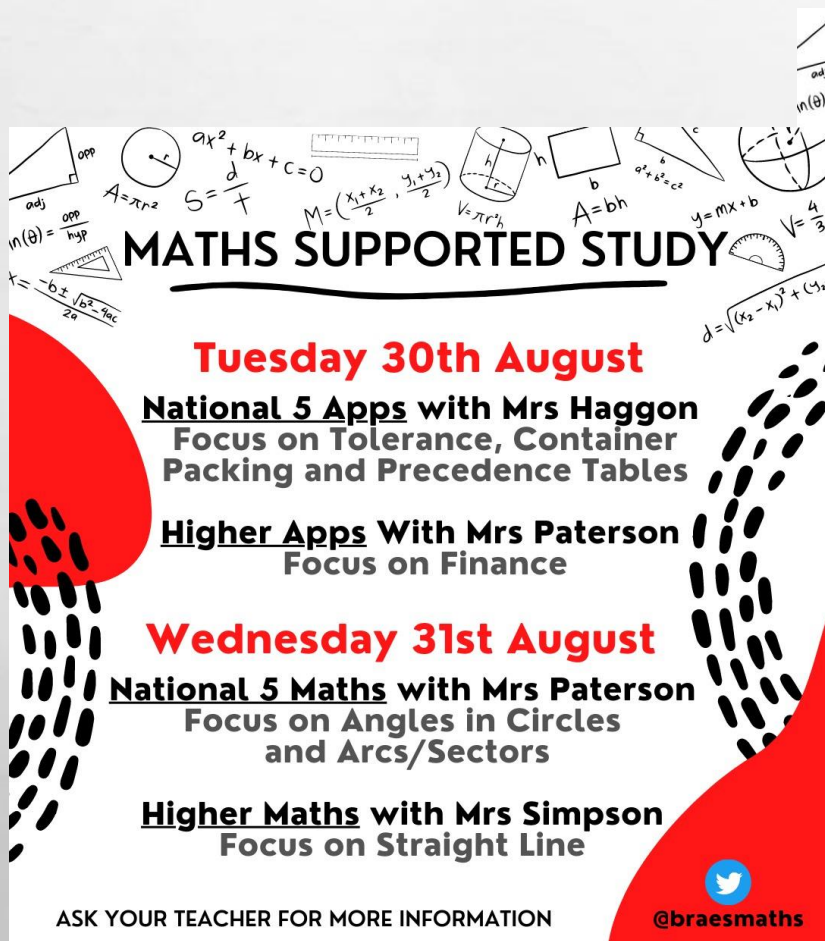
Higher

Component	Marks	Duration
Question paper	65	2 hours 5 minutes

HOW TO SUCCEED

- ✓ If you don't understand something, ASK FOR HELP otherwise you'll fall behind. Everyone gets stuck sometimes.
- ✓ **Practise maths in every evening at home. You will have homework but this is the minimum you should be doing.** Ask if you need extra resources.
- ✓ In class, listen carefully and make clear notes. Always check your answers as you work.
- ✓ **Come to supported study** after school for explanations of tricky topics or lunchtime for help with homework.
- ✓ Seek enrichment opportunities
- ✓ Speak to your teacher whenever you need help or advice

DEPARTMENT SUPPORTED STUDY



MATHS SUPPORTED STUDY

Tuesday 30th August

National 5 Apps with Mrs Haggon
Focus on Tolerance, Container Packing and Precedence Tables

Higher Apps With Mrs Paterson
Focus on Finance

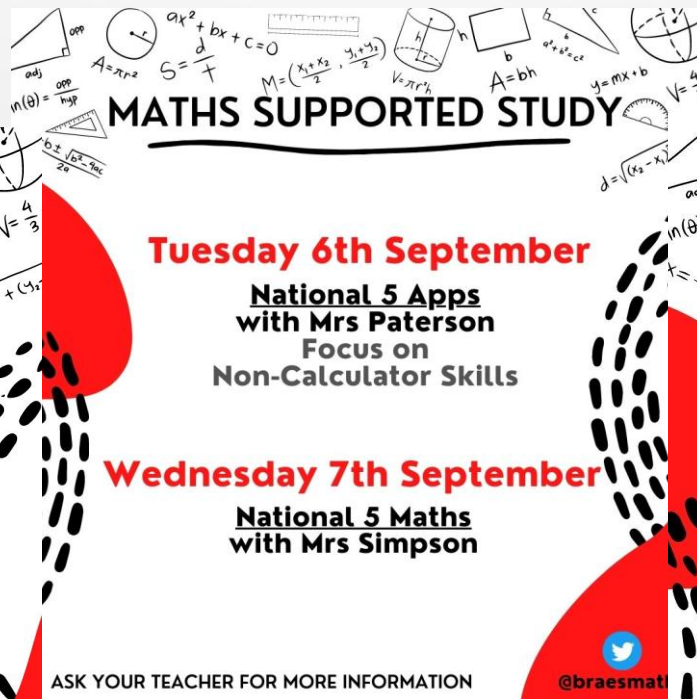
Wednesday 31st August

National 5 Maths with Mrs Paterson
Focus on Angles in Circles and Arcs/Sectors

Higher Maths with Mrs Simpson
Focus on Straight Line

ASK YOUR TEACHER FOR MORE INFORMATION

@braesmaths



MATHS SUPPORTED STUDY

Tuesday 6th September

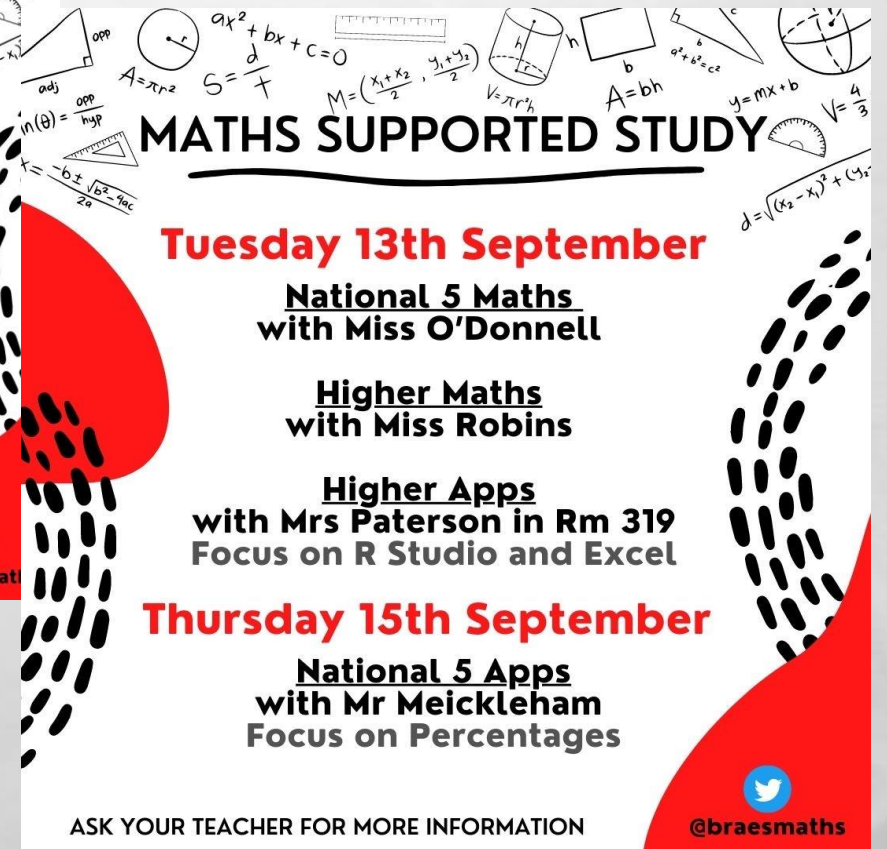
National 5 Apps
with Mrs Paterson
Focus on Non-Calculator Skills

Wednesday 7th September

National 5 Maths
with Mrs Simpson

ASK YOUR TEACHER FOR MORE INFORMATION

@braesmaths



MATHS SUPPORTED STUDY

Tuesday 13th September

National 5 Maths
with Miss O'Donnell

Higher Maths
with Miss Robins

Higher Apps
with Mrs Paterson in Rm 319
Focus on R Studio and Excel

Thursday 15th September

National 5 Apps
with Mr Meickleham
Focus on Percentages

ASK YOUR TEACHER FOR MORE INFORMATION

@braesmaths

DATES FOR YOUR DIARIES



**National 5 November Assessment
Evening 31st October 3pm - 5pm**

**Higher Applications – Date to be
confirmed**

**Revision Evening 26th
September
3pm-5pm**



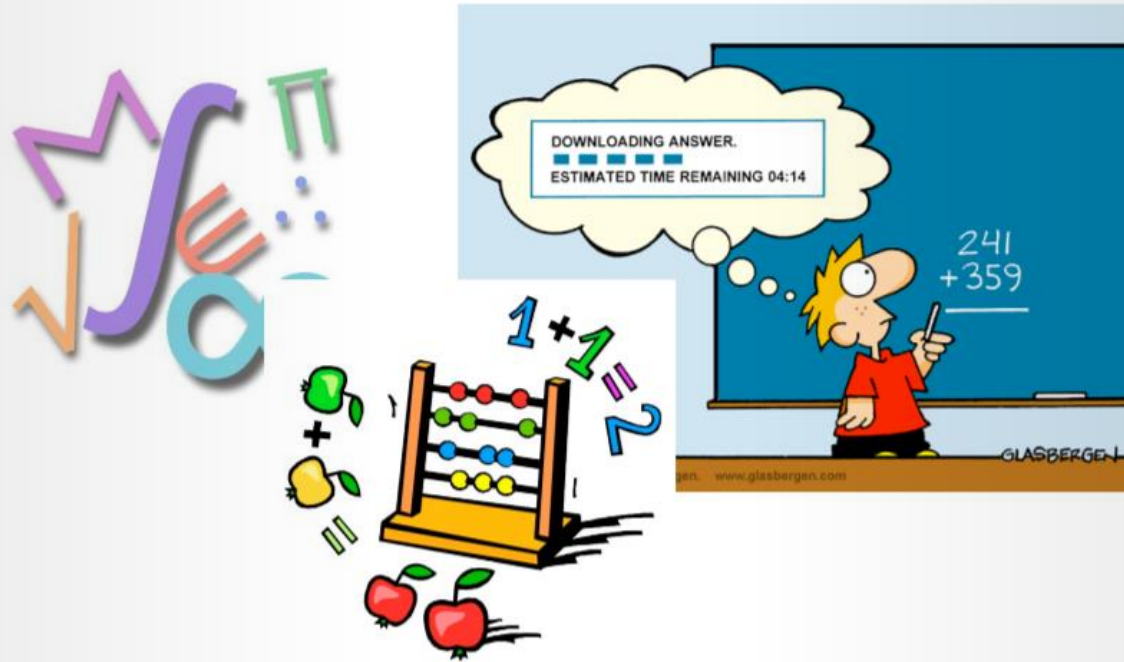
**National 5
Pizza Evening**



**Braes Study Weekend
4th and 5th of February**

'Mistakes are the portals to Discovery' James Joyce

Parents Guide to helping your child with Higher Maths



"The essence of mathematics is not to make simple things complicated, but to make complicated things simple." S. Gudder

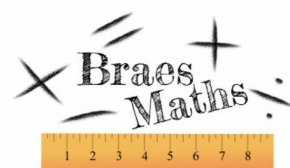
The only way
to learn
mathematics
is to do
mathematics.

PAUL HALMOS

<https://blogs.glowscotland.org.uk/fa/braesmaths/>



Home



<http://www.maths180.com/>



<https://www.dynamicmaths.co.uk/QuestionBank/>

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Advanced Higher Maths Question Bank	Higher Maths Question Bank	National 5 Maths Question Bank	National 5 Applications of Maths Question Bank	Higher Applications of Maths Question Bank	Old Intermediate 1 and Standard Grade General Item Bank
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<https://scholar.hw.ac.uk/courses/>

Timetabled Courses

 National 5 Applications of Mathematics 1% Course Progress Resume Activities Downloads Reports	 National 5 Mathematics 0% Course Progress Resume Activities Downloads Reports
 Higher Applications of Mathematics 7% Course Progress Resume Activities Downloads Reports	 Higher Mathematics 0% Course Progress Resume Activities Downloads Reports
 Advanced Higher Mathematics 1% Course Progress Resume	