

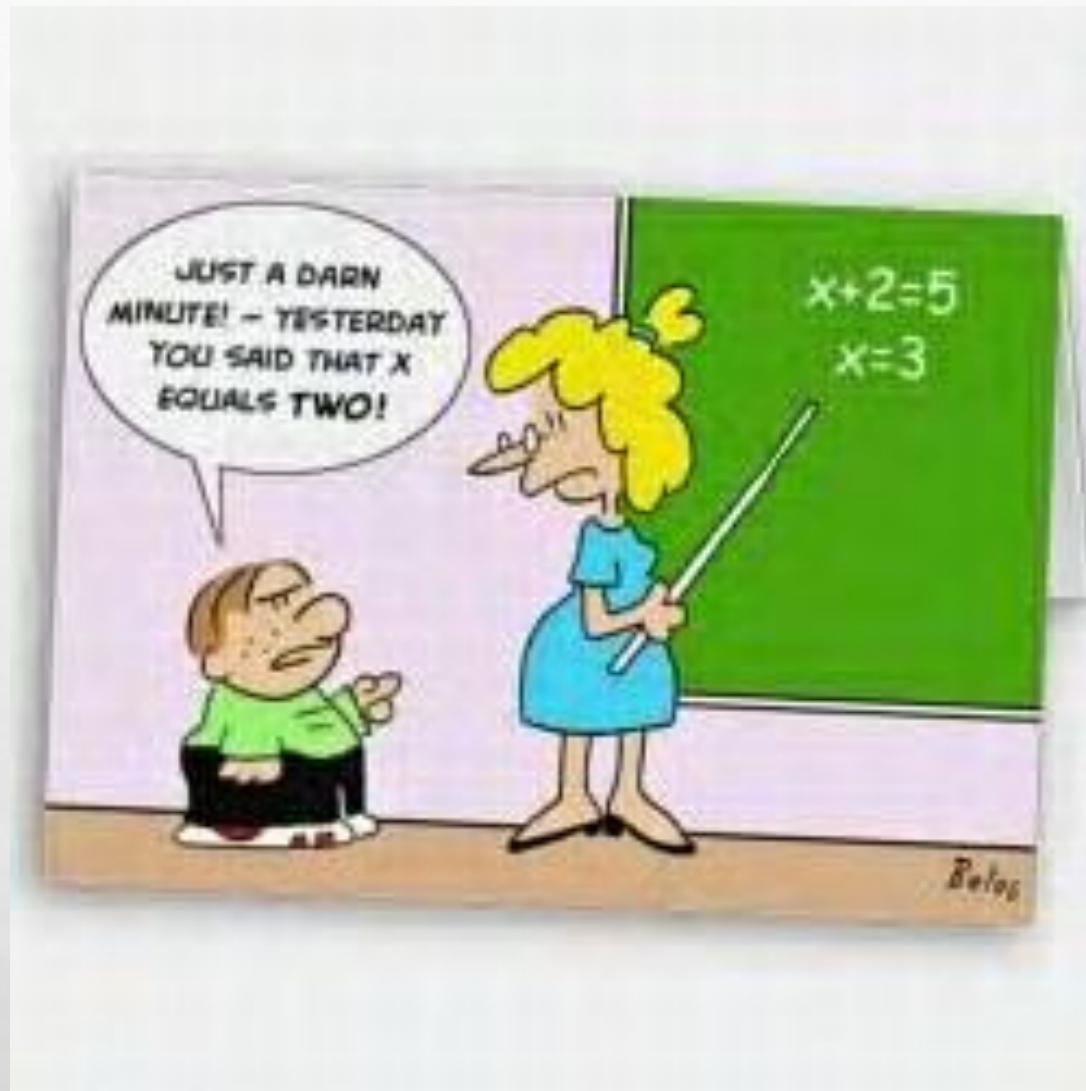
BRAES HIGH SCHOOL MATHS DEPARTMENT

IF YOU BELIEVE YOU WILL ACHIEVE









MATHS PATHWAYS

MATHEMATICS

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

APPLICATIONS OF MATHEMATICS

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

HIGHER MATHEMATICS 2023/24

Higher

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

HIGHER MATHEMATICS 2023/24

Assessment	Date	Papers
October Assessment 4	October	Paper 1 – Non Calculator (50mins) Paper 2 – Calculator (50 mins)
Prelim 14	December	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 2023/24

- **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

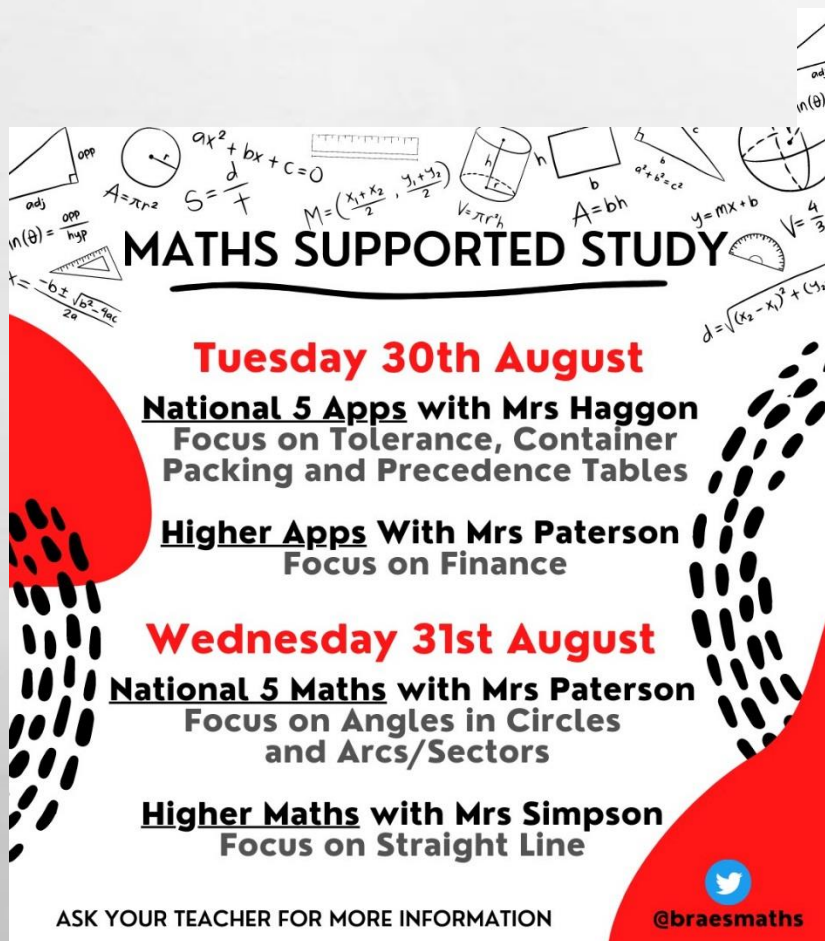
Pupil Views

Parental Advice

“I wish that I has encouraged by child to attend supported study from the beginning of the year. They left it until after the prelim and had a lot to catch up on”

“Braes High School offers lots of support to young people that they can use throughout their studies. The maths and english weekend made a real difference to my child’s confidence and understanding.”

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

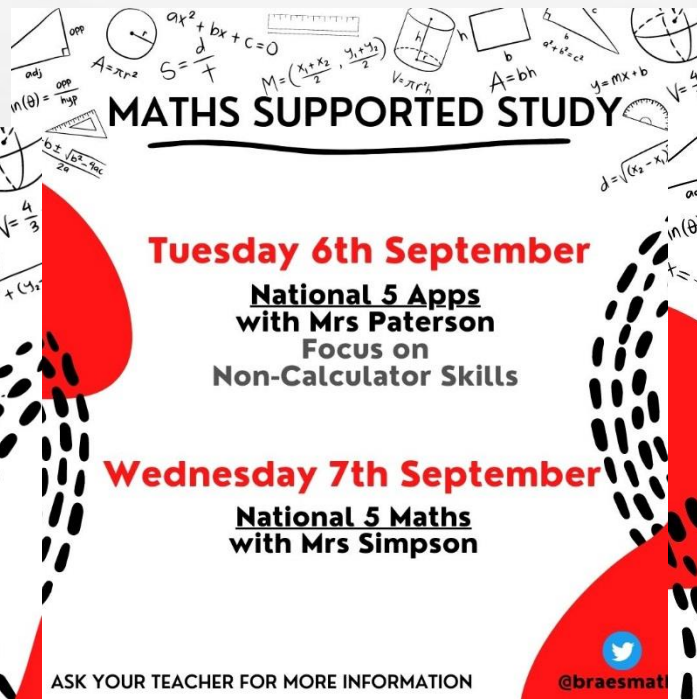
Wednesday 31st August

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

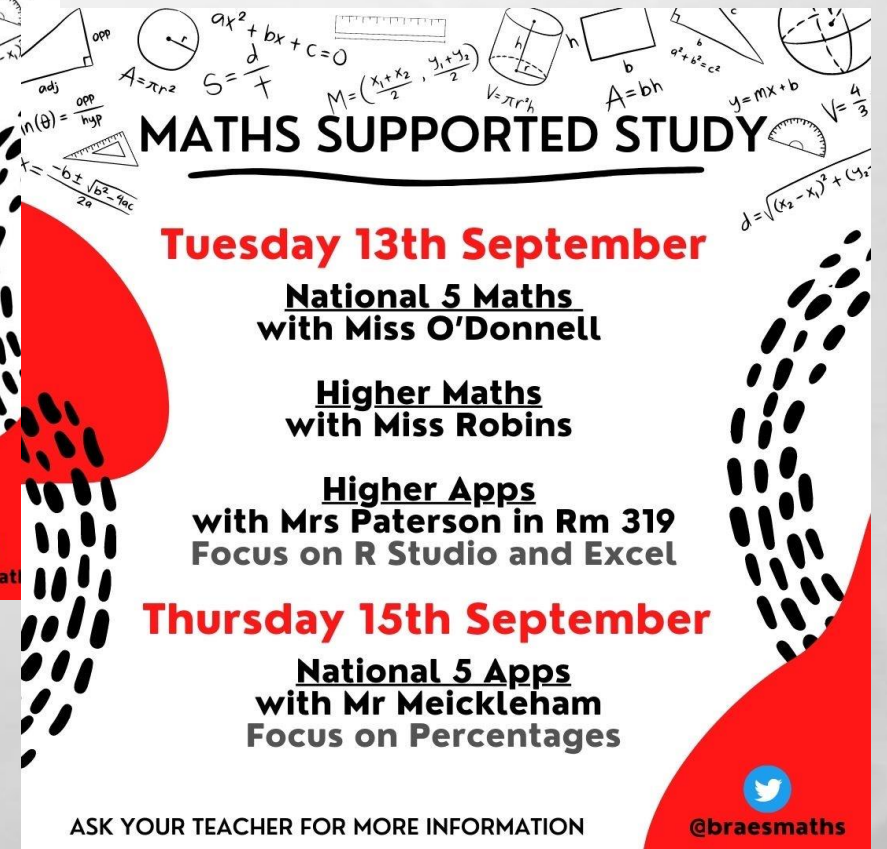
National 5 Apps
with Mrs Paterson
Focus on Non-Calculator Skills

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

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Events



**Higher Maths Block 1
Revision Evening**



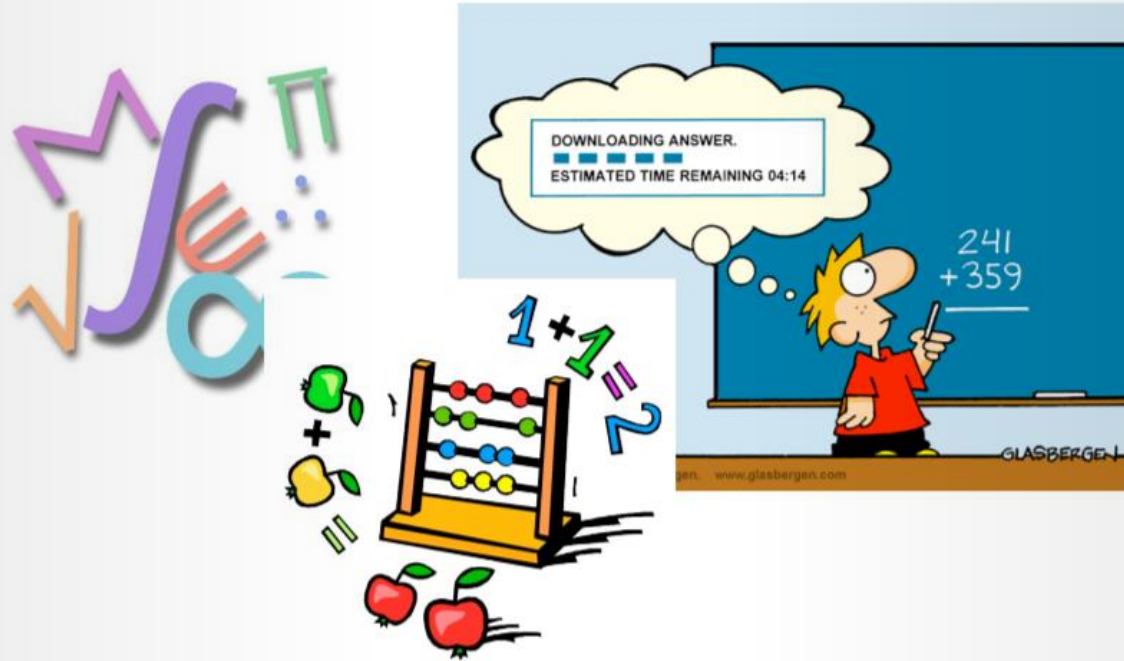
**National 5
Pizza Evening**



**Braes Study Weekend
1st and 2nd of March**

'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

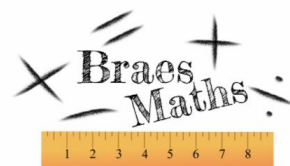
The only way
to learn
mathematics
is to do
mathematics.

PAUL HALMOS

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



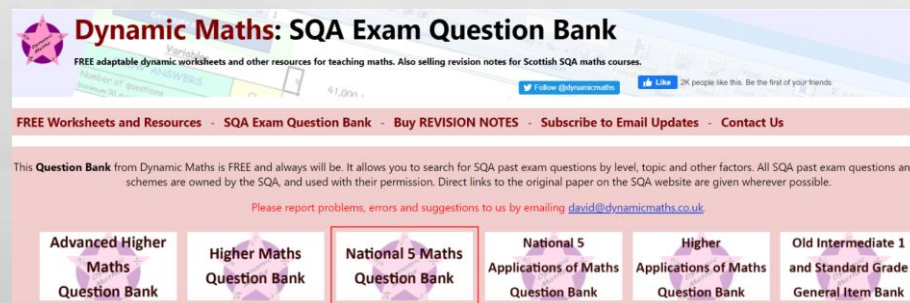
Home



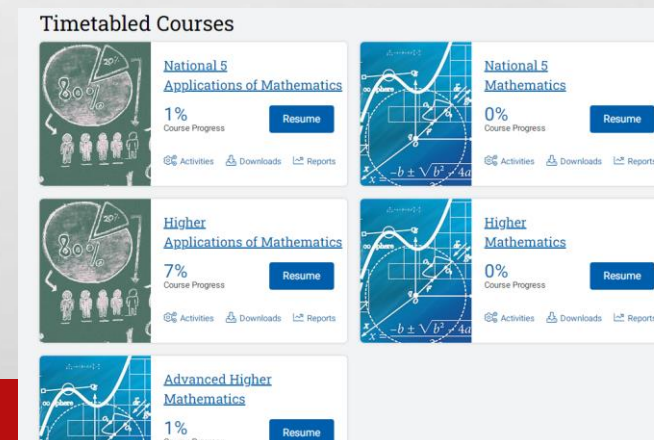
<http://www.maths180.com/>



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



<https://scholar.hw.ac.uk/courses/>



Braes RAP



4th September 2023

RIGOUR

- Take great care
- Being accurate and reliable
- High standards for ourselves and our work
- It means challenging yourself



ASPIRATION



PERSEVERANCE



Today's Workshop



- Introduction
- RIGOUR
- ASPIRATION - Pupil led
- PERSEVERANCE
- Health & Wellbeing
- Pledge Task





How we can help...



Last year we offered the following supports:

- Targeted sessions were run for 166 S4 pupils and 212 S5/6 pupils
- Over 40 Supported Study sessions were offered weekly by staff
- Two days of intensive support at Easter School –
 - 57 sessions on the Monday and 48 sessions on the Tuesday
 - 112 pupils attended on Monday and 97 on Tuesday
- English/Maths Camp - staff supported pupils running 6.5 hours of targeted support over Friday evening and Saturday morning
- Humanities, Science and Technologies ran intensive exam preparation in advance of the final SQA diet
- Study Cafes ran weekly after school on Mondays from November