



MATHS NEWSLETTER. ISSUE 1. TERM 3.

Welcome to the final Maths Newsletter of the academic year! It's going to be another busy term. All year groups will be doing their end of year exams. Best wishes and best of luck to all year groups, especially to our Year 11 and Year 13 students doing their final GCSE, GCE and BTEC exams and assessments!

The department successfully ran revision session for year 11 during the Easter Holidays.

The Master class for Year 10 students will be starting from 16th May every Thursday 3:15 to 4:10pm on a weekly basis. We will also be running Morning Maths Master class for specific students.

Students will receive an invitation letter in due course. Please do encourage your child to attend these sessions. Please don't hesitate to contact me if you have any questions. I can be emailed at ntakhar@rooksheath.harrow.sch.uk, or please email the relevant class teacher.

Many thanks, Mrs N Takhar (Head of Mathematics)

Assessment Dates

Year 7: Thursday 27th June

Year 8: Thursday 27th June/Friday 28th June

Year 9: Tuesday 25th June

Year 10: Mocks WC 24th June

Year 11:

Paper 1 (non-calculator): Friday 19th May

Paper 2 (calculator): Wednesday 7th June

Paper 3 (calculator): Wednesday 14th June

Year 12: End of year exam WC 4th July

Year 13:

Pure 1: Tuesday 4th June

Pure 2: Tuesday 11th June

Statistics and Mechanics: Thursday 20th June

LOOK OUT FOR INFORMATION IN 'SACHEL ONE', 2 WEEKS BEFORE THE ASSESSMENT

Support

What	When	Where
Maths Homework Club	Every Thursday 3:10pm – 4:10pm	EG6
KS4 Maths Master Class (Years 10 and 11)	Every Thursday 3:15pm – 4:10pm	EF7(higher)/EF3(foundation)
KS4 Maths Further Maths class (year 11)	Every Tuesday 3:15pm – 4:00pm	EF6
KS5 Maths Club (Years 12 and 13)	Every Wednesday 3:15pm – 4:10pm	EF3
UKMT Maths Challenge Club And STEM Club	Every Thursday 3:15pm – 4:10pm	EG7

Homework

Homework is set once a week

Once a week, it will be a written piece of homework - it can be a worksheet or an exercise from the homework books.

The following week, an online homework will be set on either MyMaths or Kerboodle.

Teachers will set the homework as an assignment on Teams, and you should also get a notification via Satchel One.

Learning this term?

As a department we follow the schemes of learning from White Rose Maths and Kerboodle. The Knowledge Organiser for each topic can be found in Teams/SharePoint in Year Group folders.

GCSE Maths exam board - **Edexcel**

Level 2 Further Maths exam board - **AQA**

AS/A level Maths exam board - **Edexcel**

This term the Year Groups are studying the following:

Year 7	<ul style="list-style-type: none">• Representing data• Lines and Angles
Year 8	<ul style="list-style-type: none">• Algebraic techniques• Developing Numbers• Developing Geometry
Year 9	<ul style="list-style-type: none">• Formulae and Functions• Working in 2D• Probability
Year 10	<ul style="list-style-type: none">• Ratio and Proportion• Factors, powers, and roots• Graphs 1
Year 11	<ul style="list-style-type: none">• Revision for GCSE exams

Year 12	<ul style="list-style-type: none">• Revision for AS exam• Algebraic methods• Functions and graphs• Radians
Year 13	<ul style="list-style-type: none">• Revision for exams

Exam Tip

TIPS FOR EXAMS

Read the instructions carefully

Read the questions carefully

Show your working and check your answers

Ensure your work is presented in a clear and organised manner, easy to follow and understand

Practice makes perfect

Symbol of the term

∞

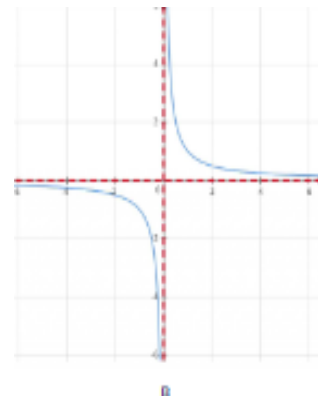
Infinity is something which is boundless, endless, or larger than any natural number.

The infinity symbol ∞ is sometimes also called the lemniscate.
It was introduced in 1655 by John Wallis.

Word of the term

Asymptote

A straight line that is approached by a curve, but never actually reaches it. For $y = \frac{1}{x}$, there are asymptotes at $x = 0$, as y approaches ∞ , and at $y = 0$, as x approaches ∞ .



Career in Maths

Computer Scientist

If you aspire to be part of a team that creates the next generation of gadgets and apps, you must have a good understanding of mathematics. From the millionaire behind Facebook to the secretive geniuses behind Google and the cool creative types at Apple, computer scientists use mathematics to study a range of topics, including algorithms and the implementation of computing systems in hardware and software.



Year 10 Maths Feast

Eight of our year 10 students recently attended the Maths Feast event on Tuesday 12th March. It was the first time our students had attended this event, and they had a great experience with problem-solving and understanding how maths relates to the real world.



Enrichment activities this term

- 22nd May: Selected Year 9 students will be attending Brunel STEM Day at Brunel University.
- 11th June: Selected Year 10 students will be going to National History Museum.
- 12th June: Selected Year 9 students will be attending Brunel STEM Day at Brunel University.
- UKMT Maths intermediate challenge.

Artful Maths

Mathematics department is running 'Artful Maths' club on every Monday, in room EF7.

This provides an excellent opportunity to our students to discover fascinating aspects of mathematics through various activities during the session. Students use their artistic and creative skills to learn about a variety of mathematical ideas. While using their imagination to draw geometric patterns, students can enjoy learning new concepts such as patterns.



Meet the Maths Team

Mrs N. Takhar (Head of Maths)

Ms H. Bharadawa (KS4 Coordinator)

Mrs H. Grewal (KS3 Coordinator)

Mrs S. Subra

Mrs A. Syed

Mrs S. Sritharan

Ms H. Capper

Mr E. Bissoon

Mrs H. Afzalzada

Mrs R. Bandar

Ms V. Caullet

Ms Y. Liu

Mrs I. Bontas