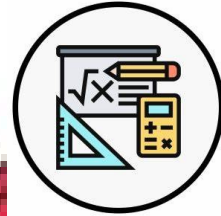




Mathematics Department

Newsletter (Summer Term 2)



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@Bryntirionmaths



News

We are approaching the end of the school year, however there are still a few items on the agenda before the summer holidays. We are just about finished with the National Tests and we would like to thank pupils for their efforts in completing these as smoothly as possible.

Eisteddfod is fast approaching, and we'd like to see as many off stage entries as possible. Details are below for each year group:

Year 7 Design a floor plan for a traditional Welsh cottage including measurements for rooms, furniture, outdoor space. Remember to use a scale, use of IT is recommended. Use one sheet of A4 or A3 paper

Year 8 Compare the data for 5 Welsh things. Collect the data and present in a table. You **MUST** then display this as a graph. A bar graph is acceptable. eg the statistics of 5 Welsh Rugby players OR 5 Welsh Footballers OR 5 Welsh Universities Use of IT is recommended. Use one sheet of A4 or A3 paper.

Year 9 Design a Welsh festival on a budget. You have £1,500 to spend, include the costs of food, drink, artists, stage, fun activities, decorations. This must be presented using Excel Spreadsheet.

Year 10 Data analysis – Research and analyse data related to Welsh culture, such as Welsh language statistics in different parts of Wales OR analyse the statistics regarding Tourism in Wales. Display your findings using tables and graphs. Use of IT is recommended. Use one sheet of A4 or A3 paper.

Year 12 Conduct a survey. It must have a Welsh theme. Ask at least 30 people. (online /text/phone/paper). Explain how you collected your results, display your results in a table and use an appropriate graph. Comment on your results and display all of your information on one A4 or one A3 piece of paper.

Thinking of choosing Maths A Level next year? (MUST READ!)

If you think that you may want to study Maths or Engineering at university, you need to consider if you need to study Further Mathematics A Level (this is as well as Maths A level). Here at Bryntirion we do not offer this as an option, as is the case in a lot of sixth forms, however you are able to study this option online, at home with the MSPW (Maths Support Programme Wales). 33% of Mathematics BSc degree courses mention Further Mathematics in their entry requirements, including it in their A level offers or encouraging students to take it if possible. For those universities in the Russell Group, this proportion rises to approximately 70%.

There is a taster session on **Monday 23rd June** (Online). Please see the MSPW website for more details.

Websites



Some of our Maths homework tasks will be set online via MathsWatch or MyMaths.

Year 7 are set two new MyMaths homework tasks every week.

Students will be given log-in details for one or both of these in lesson time. MathsWatch also allows students to watch videos and set tasks for themselves which may be helpful for extra practice or at home revision.

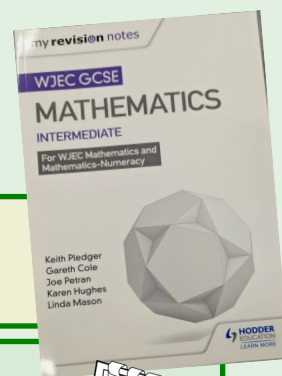
Other websites we recommend are corbett-maths.co.uk, bbcbite-size and mathedup, mathsmadeeasy, mathsdoy.com, revise-gcemaths.co.uk, ttrack-stars.com

Students should know their HWB logins. By logging on and selecting personalised assessments, they can access practice questions for the national tests.





Mathematics Department Newsletter



We have a supply of WJEC GCSE **Intermediate** Revision Guides available to purchase from Ms Wear. They are priced at £10 each (£2 cheaper than online).

Dates for the Diary, 2025 and beyond

Exam	Class/Year Group	Date of Assessment
GCSE Numeracy Unit 1 & 2	Year 11 Set 2,3,4,5	November 4th & 6th 2025
GCSE Mathematics Unit 1 & 2	Year 11 Set 1	November 10th & 12th 2025
GCSE Numeracy Unit 1 & 2	RESITS ONLY	May 7th & June 3rd 2026
GCSE Mathematics Unit 1 & 2	Year 11 Set 2,3,4,5	May 14th & June 10th 2026
NEW GCSE Unit 1 (Calculator)	Year 10	12th May 2026
NEW GCSE Unit 2 (Non Calculator)	Year 10	June 4th 2026

Year 9 and 10 Examinations

Examination timetables have now been issued for Year 9 and 10. Exams will take place Friday 4th July onwards. All pupils in Year 9 have been issued **two revision Mathswatch exercises**, one non calculator and one calculator, in line with the two maths exams they will sit during the week.

Maths Challenge Success!

Well done to our Year 8 Kangaroos, Arush Murthy and Ieuan Smith. They were invited to take part in the UKMT Maths Challenge Kangaroo, following superb results in the Junior Maths Challenge. Ieuan was awarded a silver certificate and Arush a bronze certificate. We can't wait to see what you do in the Intermediate Maths Challenge in Year 9! Da lawn!



Exam Equipment

Each pupil will require their equipment in a clear pencil case, including a protractor and a scientific calculator. As a department we are unable to supply calculators for the exams, however it is of huge benefit to all pupils to own and use their own calculator. Scientific calculators differ slightly between manufacturers, with functions appearing in different places or buttons having slightly different notation, which is not helpful in exam conditions! We are lucky enough to have a supply of Casio Scientific Calculators available to buy in the Maths shop for **£10** (less than Amazon) alongside other Maths equipment.

Please see Ms Hopkins in D11 to purchase.

