

MATHS DEPARTMENT- USEFUL INFORMATION

Your Role

We are seeking to appoint an outstanding teacher or ECT who recognises the importance of and can see the beauty in Maths. They will be able to enthuse students and will show a real passion for Maths themselves. This is an outstanding opportunity to join a very successful team in a school with a great range of extra-curricular activities, team and individual international achievements.

We are offering the successful candidate the opportunity...

- to join a large and successful team in a thriving school.
- to teach and engage learners across the full age and ability range in an 11-18 School including A Level Maths and Core Maths if the applicant wishes.
- to build upon, strengthen and develop innovative strategies for teaching and learning in Mathematics.
- for continued professional development in a supportive and experienced environment and outside with our strong links to the Jurassic Maths Hub and the AMSP.
- to help shape, create and enhance opportunities outside the classroom beyond the opportunities we already provide.



Standards

- Standards at every Key Stage are very good.
- KS4 – GCSE results are outstanding with approximately 75% gaining 9 to 4 (A* to C) in each of the past four years.
- A-Level – Approximately 75% of students achieved A*-C at A Level.
- Further Maths – The proportion of students gaining A*-C was 70%.
- In recent years several Mathematicians have gone on to read Mathematics or mathematically related subjects at Oxbridge colleges.



Team Resources

- A suite of 10 bright and modern rooms surrounding its own dedicated foyer.
- Each room is equipped with Promethean Whiteboard and Projector and we encourage our team to enrich teaching with GeoGebra, Desmos and Autograph; actively encouraging all our teachers and students to master them all.
- A Departmental workspace to share ideas and resources.
- A centrally planned and resourced KS3 Mastery curriculum that we are currently building with our in-house Mastery Lead.



The Curriculum

- Students in Years 7, 8 and 9 are broadly set into four levels in line with the focus on mastery of each topic.
- We also have an additional curriculum designed for our nurture students led by some of our strongest teachers.

- Every student follows the White Rose Curriculum in KS3 with a focus on meeting students where they are and pushing them as far as we can. No student has a ceiling to their abilities in maths.
- At GCSE, we have written our own curriculum that delivers a continuation of the KS3 mastery principles but also allows for more repetition, retrieval and recall.
- All 12 of our GCSE sets currently follow the Edexcel GCSE aiming towards linear entry at the end of Year 11.
- Our nurture classes take the AQA entry level in Year 10.



Sixth Form

- Mathematics is a successful and popular subject in the Sixth Form.
- The Department offer the 2-year Edexcel A-Level qualification and the 2-year Edexcel Further Mathematics qualification (with a choice of applications options in Statistics, Mechanics and Decision Mathematics).
- The Gryphon has offered Core Maths for 5 years, consistently getting good results and supporting Sixth Form Students to achieve in other subjects. We love Core Maths and have strong links with the AMSP and their Core Maths Leads.
- Currently we have around 120 students taking Maths, Further Maths or Core Maths in the Sixth Form.

The Mathematics Team

- Comprises 13 hugely and diversely qualified Maths specialist teachers who are passionate and close knit. This includes Heads of Year, a qualified SENCO and a Maths Hub, NCETM Mastery Lead.
- Is led by the Head of Department – Anthony Shaw and a wider Maths Leadership Group.
- Includes a Mathematics-specialist Teaching Assistant.
- Enjoys excellent relationships with staff and students
- Has strong links with the Jurassic Maths Hub, the AMSP and local schools through a North Dorset Maths Teacher Network that we facilitate.
- Has strong links with Initial Teacher Training Universities
- Is supporting colleagues through the School Direct Programme and PGCE students.

