



Ivybridge Community College

Teacher of Mathematics

Candidate Information





Dear Candidate

Teacher of Mathematics

Further to your enquiry, I am delighted that you have requested further information regarding the position of Teacher of Mathematics at Ivybridge Community College.

This is a fantastic opportunity to work in a flourishing Department at a College which has had an Outstanding Status for nearly twenty years.

As a College, we are committed to providing an excellent education for ages 11-18. Inherent in everything we do is a culture of high expectation and aspirations. Students are encouraged to develop a love of learning, to think for themselves and to maximise their full potential.

The successful candidate will gain a wealth of experience from working across the College, whilst receiving support and guidance from the Leadership Team.

Yours sincerely

Rachel Hutchinson
Principal



Mathematics Department

The Post

Thank you for showing an interest in this permanent, full-time post. This is an opportunity to join an outstanding team of Mathematics teachers in a large vibrant Department.

Mathematics Department

The Department is well resourced with seventeen specialist classrooms, each with an Interactive Whiteboard and a range of modern texts. There are nine classrooms equipped with computers, where students regularly enrich their Mathematics learning through Mathematics software and numerous websites.

The Department is managed by the Mathematics Leadership Team which currently consists of the Head of Mathematics, three Deputy Team Leaders and one Assistant Team Leader. We are fortunate to have a Specialist Lead Educator within the Department and he is actively involved in leading research and development with the Team.

We have a full-time Resource Assistant who is on hand to support staff with lesson resourcing and display materials.

This is a hard-working, lively and fun Department. Although we are large in staff numbers we manage to maintain close and friendly working relationships. We have a range of ages and experience within our staff and many have responsibilities in the wider College. Several of our teachers are involved with extra-curricular activities both in and out of the Department.

Every member of staff is committed to helping students to achieve the very best that they can and this is reflected in our results. We enjoy consistently high results in both Key Stage 5 and Key Stage 4. We have just achieved excellent results at GCSE with 80% of students achieving A* - C and at Key Stage 5, 70% of students achieved A* - C for A2 Mathematics.

Our aim is that students enjoy excellent and productive working relationships with their

Mathematics teachers and through collaboration they develop their knowledge and love of our subject.

We are constantly exploring new ways to teach and learn Mathematics and this is the main focus of our Department meetings. We share best practice both in these meetings and informally at break or lunch.

We are keen to promote games and puzzles as a learning tool throughout the Key Stages, as this not only increases the interest and enjoyment for our students but also develops their thinking skills.

Every year students enter a number of competitions including the UKMT Team and Individual Mathematics Challenges and the Devon Further Mathematics Challenge where we have seen great success.

Talented and Gifted Mathematicians are offered a wide range of extra-curricular activities both within College and through outside agencies. We have good links with the University of Plymouth and have been involved in the University Mathematics Masterclass.



As a Department, we believe that there is true value in understanding Mathematics and being able to apply Mathematics as opposed to simply learning how to answer exam questions. The new GCSE Mathematics syllabus promises to cater for exactly that and we have modified our Schemes of Work, embedding problem solving and non-routine rich skills activities.

Mathematics is a popular subject here and there is a

large uptake at Post-16. We currently have approximately 80 students in Year 12 and enjoy an average retention of 75% from Year 12 to 13. The Sixth Form students really engage with their Mathematics and many support the Department through taking part in challenges, mentoring younger students and leading aspects of our AS Level Induction Programmes.

Whilst we are proud of our successes we are always looking forward and very much enjoy new challenges that bring new opportunities. In short, this is an excellent place to teach and further your career.

JOB DESCRIPTION

Post: Teacher of Mathematics

Accountable to:
Director of Mathematics

Salary: MPS



Introduction

All of our teachers play an important role in the life and development of the College. This job description outlines the purpose and key tasks required. It is not a comprehensive or exclusive list and duties/specific tasks may be varied from time to time which do not change the general character of the job or the level of responsibility entailed. This will allow flexibility for the College to respond to changing priorities and also support and enhance individual professional development.

Terms and conditions for staff employed on teaching contracts are detailed in the current School Teachers' Pay and Conditions document.

Purpose

To carry out the duties of a teacher as set out in the most recent School Teachers' Pay and Conditions Document. Your aim is to be an effective teacher and tutor who challenges and supports all your students to do their best and achieve their potential by:

- Inspiring trust and confidence in your students and colleagues.
- Building team commitment amongst your students and colleagues.
- Engaging and motivating students.
- Analytical thinking.
- Taking positive action to improve the quality of your students' learning.

Responsibilities

- As a subject teacher maintain a thorough and up-to-date knowledge of the teaching of your subject(s) and take account of wider curriculum developments, which are relevant to your work.
- Teach students according to their particular needs, including the planning, preparation and assessment of work in line with the policies of the College.
- Implement and maintain good classroom management and follow College policies for behaviour management.
- Plan tutorials, lessons and sequences of lessons to meet students' individual learning needs.
- Use a range of appropriate strategies and follow College policies for tutoring, teaching, behaviour management.
- Assess, monitor and record the progress of students in your teaching and tutorial groups; give them constructive feedback, targets and advice; and report their progress to, and discuss their progress with, their parents/carers.
- Do all you can to ensure that, as a result of your tutoring and teaching, your students achieve well relative to their prior attainment, making progress as good as or better than similar students nationally.



- Within the framework of the College's Performance Management and CPD policies, take responsibility for your own professional development and use the outcomes to improve your tutoring and teaching and your students' learning.
- Make an active contribution to the policies, aspirations and plans of your Year, your curriculum / student performance team and the College.

Line Management

You are responsible to the Assistant Principal with responsibility for Mathematics

Professional Aspiration

All teachers through professional growth and sustained and substantial performance and contribution to the College can aspire to a salary level of UPS3.

All teachers who have met threshold standards and who are paid on the upper pay spine play a critical role in the life of the College. They provide a role model for teaching and learning, making a distinctive contribution to the raising of student standards and contribute effectively to the work of the wider team. They take advantage of appropriate opportunities for professional development and use outcomes effectively to improve students' learning. These teachers should make a sustained and substantial contribution once progression has happened. The teacher must show that she/he has 'grown professionally post threshold' by developing their teaching expertise.

Applications

The completed form and letter of application should be returned to the Principal's PA at the College **by noon on Thursday, 19 April 2018**. You are welcome to include a separate CV if you wish. In any case, please indicate clearly the main details of your Post-16 and Higher Education qualifications.

Completed applications can be sent by email to: mvincent@ivybridge.devon.sch.uk

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