Ivybridge Community College



Teacher of Science (maternity cover)

Candidate Information

Ivybridge Community College

November 2020

Rachel Hutchinson
Principal

Dear Candidate

Teacher of Science (maternity cover)
Preferably with a specialism in Chemistry

Thank you for your enquiry, I am delighted that you have requested further information regarding the position of full-time Teacher of Science at Ivybridge Community College.

This is a fantastic opportunity to work in a flourishing Department at an exceptional College, with supportive staff who 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.

I look forward to receiving your completed application.

Yours sincerely

Rachel Hutchinson
Principal

Science Department

The Post

Thank you for showing an interest in the post of Teacher of Science (maternity). The successful candidate will join an inspiring, hard-working and highly skilled team of professionals in a well-resourced department, in a College that has achieved World Class School status.

Our ethos is to teach well-planned, varied and enjoyable lessons in the context of positive working relationships with all of the students. Everyone contributes actively to the work of the Department as a whole, participating in curriculum development and helping with extra-curricular activities such as outside visits or Science Club and Science Week. Members of the Science staff are also involved in a wide range of other opportunities and activities that take place in this thriving College.

Staffing and Continual Professional Learning

Our Science Leadership Team is composed of the Director of Science, Mrs Denise Smith, three Heads of Subject, three Assistant Team Leaders, an Applied Science course leader and a Science Lead Practitioner. We currently have twenty-three teaching staff in total. We also have a knowledgeable, friendly and efficient team of seven Science Technicians and a highly organised and proactive Science Resource Assistant.

As a Teaching School, there are frequent and varied opportunities for Continuing Professional Learning. In addition to the CPL provided in College, members of the Science team regularly attend an impressive variety of external courses and have had an excellent record of career progression over the years. We have strong links with the Institute of Physics, with whom we are currently involved in a gender balance study. We have hosted the IoP South West CPL Conference for the last three years.

Two members of our team were involved in some research with the Educational Endowment Foundation and the Research Schools Network on memory retention in Science and have since trained the whole College staff on the use of the 'Self-testing Toolkit' to improve our students' memories of key knowledge.

Facilities

The Department has twenty-one well-equipped laboratories and a Sixth Form Projects Room. Each laboratory is equipped with a data projector, interactive whiteboard and class sets of a good range of frequently used apparatus items, to facilitate effective practical and investigation work. Our Science Technicians are based in four Prep Rooms.
The provision for students also includes a Science Computer Room with a suite of twenty-six full PCs, a laptop trolley and a tablet trolley, an Optics Room, a wildlife pond and a greenhouse.

Key Stage 3

Our Key Stage 3 course, to our own design, is regularly updated to ensure our students understand the most modern scientific concepts, encouraging curiosity and analytical thinking from the outset. All students have six hours of Science per fortnight in Years 7 and 8, based in our Science laboratories. Teaching groups are set for Science from the start of Year 7.

There is strong liaison with our partner primary schools, with excellent links in Science and we regularly hold Science sessions in College for students from those schools.

Key Stage 4 Courses

We offer double award Science (AQA Combined Science: Trilogy), Separate Sciences (also with AQA: Biology, Chemistry and Physics) and the AQA Entry Level Course. Staff usually teach their subject specialism to set classes and results have been consistently well above national averages, with a pleasing proportion of 9-9 grades.

Sixth Form Courses

At Key Stage 5, we offer OCR A Level Biology, Salters (OCR) A Level Chemistry, OCR A Level Physics, and the AQA Level 3 Certificate in Applied Science. We offer many opportunities alongside these courses, to allow our students to put their learning into context and inspire them to consider a career in Science, including fieldwork and University trips. Many of our recent College leavers have gone on to study Science further, including courses in Osteopathic Medicine, Forensic Science, Aerospace Systems Engineering, Chemical Engineering, Biomedical Science, Medicine, Zoology and Building Surveying and the Environment.

Home Learning

Our Home Learning policy is based on improving our students' long term memories of scientific facts and concepts, using self-testing retrieval and distributed learning.

Extra-curricular Activities

At the heart of our Department is the love of Science and we are proud of our enthusiastic team of teachers, who actively promote an ethos of curiosity, creativity and resilience. We offer a huge breadth of trips and activities at the College, which is appreciated greatly by our students. As part of the Ogden Trust Physics partnership with local secondary and primary schools, our students are involved in a wide range of extracurricular activities and events in Physics.

We have participated and been successful in many external Science Awards and projects and hold regular Science competitions. We also run a weekly Science Club and a Sustainability Club, which conducts an annual Waste Audit and works with the Senior Leadership Team to improve sustainability within our College and the wider community. This group has recently spent the day working with members of the local community to plant over one hundred trees around our College premises.

As you will have read, this is a passionate and driven Department, who are looking forward to welcoming our next team member. We look forward to your application.

JOB DESCRIPTION



Post: Teacher of Science (maternity)
Preferably with a specialism in Chemistry

Accountable to: Director of Science

Introduction

This Job Description outlines the purpose and key tasks required to indicate the level of responsibility. 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 the 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.

Key Task

The delivery of teaching to promote learning and achievement across Key Stages

Responsibilities

- 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.
- 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/guardians.
- 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 Appraisal and CPL 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 and your curriculum/student performance team.

Line Management

You are responsible to the Deputy Head of Science, ic Physics and Key Stage 3 and, Director of Science.

Professional Aspiration

All teachers, through professional growth and sustained and substantial performance and contribution to the College, can aspire to progression.

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.

How to Apply

All applications for employment should be made by completing the Westcountry Schools Trust application form which can be downloaded from Ivybridge Community College's website at **www.ivybridge.devon.sch.uk.**

Please indicate clearly the main details of your Post-16 and Higher Education qualifications as well as all relevant experiences which make you suitable for this position.

Applications for this vacancy must be received by **9am on Wednesday, 9 December 2020.**

If you wish to send your application by email please send it to the HR Department, at **HR@ivybridge.devon.sch.uk.**

Ivybridge Community College
Harford Road
Ivybridge
Devon
PL21 0JA

Tel: 01752 691000

www.ivybridge.devon.sch.uk