

BIOLOGY
REQUIRED
PRACTICALS

PAPER 2

Measure the growth rate of a plant
Investigate the effect of temperature on the rate of
decay of fresh milk by measuring pH change
NOTE: BIOLOGY ONLY

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REQUIRED
PRACTICALS



Teacher of Mathematics Maternity Cover

ADVERT & JOB DESCRIPTION

TEACHER OF MATHEMATICS (Maternity Cover)

Required from March 2023

Pay scale: Main Scale

Full Time.

The Principal and Governors of this highly successful, oversubscribed 11-16 college are seeking to appoint an outstanding professional to develop the excellent provision that is already in place in our department.

We are looking for an individual who has:

- A commitment to the teaching of mathematics;
- Outstanding teaching skills and an understanding of how children learn;
- Exceptional organisational and interpersonal skills;
- A belief that every child can succeed and the determination to help each child fulfil their potential;
- The ability, imagination and drive to enrich mathematics across the college to ensure high quality provision and participation.

If you would like to be considered to join Team UCC we will need:

- An application form;
- A letter of application, to the Principal Ben Solly, in which you should identify how your skills and experiences will enable you to succeed at UCC.

Completed applications should be sent to Jane Kendrick(HR & Payroll Officer) via email: kendrick_j@ucc.rutland.sch.uk

Further details about the role can be found on our website: www.uppinghamcollege.org.uk
For any further questions please contact: kendrick_j@ucc.rutland.sch.uk

Closing Date: 9.00am, 12th December

The College is committed to safeguarding and promoting the welfare of children and all posts are subject to DBS checks.

ABOUT THE DEPARTMENT

At UCC we have a thriving maths department. This is a rare opportunity to join a successful and talented maths team who are supportive, collaborative and welcoming. Maths results at UCC are consistently above national averages for both attainment and progress and students benefit from a superb curriculum offer.

At Uppingham Community College the Mathematics curriculum across Key Stage 3 and 4 follows a mastery approach. Students become fluent with the fundamentals of Mathematics (for example, number bonds and rapid recall of times tables), we work to develop reasoning so that students can talk about what they are doing and why, and then transfer this understanding to problem-solving. As a result of knowing the fundamentals and being able to reason about them, students are able to apply these to new and unfamiliar contexts.

All students study a wide range of mathematical disciplines. We cover number skills work along with algebra, ratio and proportion, shape and space, and data handling. Students cover each discipline at the level appropriate to their prior learning. Students then make links between the disciplines and apply the skills taught in a variety of problem solving activities.

The maths department are based in a bespoke teaching facility that was built 10 years ago. Within this facility are 6 spacious classrooms, a small intervention room, a maths staff room and toilets for both students and staff.

JOB DESCRIPTION - TEACHER OF MATHEMATICS

Job purpose

To provide highly effective teaching in the mathematics department, ensuring that students at Uppingham Community College make excellent progress through an inspirational mathematics curriculum, alongside an outstanding extra-curricular experience in this subject area.

The post holder is responsible to the:

- Principal in all matters;
- Appointed Senior Leaders or the governors in the Principal's absence;
- Senior Leadership Coach (line manager).

The post holder provide coaching, mentoring and support as required to:

- Colleagues in support roles

Personal characteristics:

The role of a teacher is an instrumental one in the life of young people. They should inspire a lifelong love of learning in their students and expertly deliver the curriculum across Key Stages 3 and 4. Teachers at UCC must be role models to students and colleagues, and consistently embody the College values of Kindness, Respect and Honesty, alongside the following key personal characteristics:

- Integrity
- Positivity
- Reflexivity
- Self-awareness
- Empathy
- Resilience
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General Responsibilities:

- Consistently demonstrate the UCC core values Respect, Honesty and Kindness
- Demonstrate a positive, 'can-do' attitude, modelling a growth mindset to our students
- Through your work in the department and the wider school, contribute towards establishing the conditions in which everyone at UCC can thrive
- Take professional pride in performing all aspects of your role to a consistently high standard
- Follow all UCC policies accurately
- Keep ICT skills updated to ensure effective use of technology;
- Demonstrate commitment to own professional development;
- Undertake and participate in training, coaching and general guidance with/for other staff;

Safeguarding expectations:

- To uphold the College's Staff Code of Conduct and policies in respect of child protection and safeguarding matters;

Specific responsibilities for this post:

Teaching and learning:

- Teach the mathematics curriculum to all year groups to a high standard across Years 7-11.
- Inspire a love of learning in our students through the mathematics curriculum.
- Develop a positive, welcoming and safe learning environment for students.
- Continually strive to become an incrementally more effective practitioner.
- Adapt lessons to suit the needs of all students.
- Use department curriculum plans and resources to deliver engaging lessons.
- Use department assessment systems to accurately record the progress of students.
- Provide students with feedback on their learning and progress in line with the College's Feedback for Learning policy.
- Contribute to the development of department resources by working collaboratively with colleagues.
- Ensure all school and department policies are followed accurately.
- When appropriate, work with a tutor group to provide guidance and support for the students from Year 7 through to Year 11.
- Teach Personal Development Education within the PDE rotation system.
- Perform the role of Form Tutor to a high standard, providing pastoral support that develops young people holistically.
- Teach all students according to their educational needs.

Collaborating with colleagues:

- Promote a creative and collaborative working environment.
- Create, maintain and enhance effective relationships.

Resource management:

- Identify resources needed to meet the learning needs of students and advise the Head of Department of priorities for expenditure.
- Monitor and control the use of these resources.
- Ensure a working environment which pays due regard to health and safety requirements.

Professional development:

- Engage positively with the College's Personal Improvement Planning (PIP) process
- Demonstrate a desire to become incrementally more effective as a classroom practitioner
- Engage positively with all of the College's training and CPD provision
- Update knowledge at a subject and national level by keeping up to date on research and inspection findings and other pedagogical information;