

INTERVIEW TASK: SECONDARY MATHEMATICS PGCE

Aim:

Some information about your readiness to teach Mathematics can be deduced from your degree title, the modules you studied and from other information on your application form. These tasks aim to provide the University with additional information about your subject knowledge and experiences in using it, as well as giving us an indication of your ability to communicate to an audience.

Task 1:

Applicants for Secondary Mathematics courses are required to present a task suitable for a KS3 class that *encourages their mathematical thinking and problem solving*. This should be a task or problem that you find interesting and that most pupils would find reasonably demanding. You should include a *hook into the problem, and an activity for the students to engage in*.

You should prepare to “role play” and teach us as if we were in KS3, but also be ready for us to break out of character and ask questions about your teaching. You also need to write a brief explanation of your thinking behind the task on one side of A4, i.e. about 500 words of typed text, which should be emailed to us before the interview.

Your presentation, including the activity and questions, should last no more than 15 minutes. You can use a PowerPoint presentation if you wish.

We are looking for:

- Evidence of engagement with the subject of Mathematics and mathematical thinking;
- Evidence of the ability to speak in front of an audience;
- Evidence of understanding of the needs of different learners and the context of the classroom.

TASK 2:

A short subject knowledge assessment consisting of four high level GCSE mathematics questions. You will need to use calculator for this task.