

31/03/2022

Dear Parent,

ONLINE JUNIOR MATHEMATICAL CHALLENGE

We would like to inform you that we are entering 400 boys from Years 7 and 8 for the Online Intermediate Mathematical Challenge on **Thursday 24th April 2022** and your son has been chosen to enter the competition.

The Junior Mathematical Challenge is an **online** 60-minute, multiple-choice competition aimed at students across Years 7-8 and promotes a love of problem-solving. **Your son will need to bring a laptop or an ipad to the competition.** He will receive his login details via Mail Merge the week beforehand. The competition encourages mathematical reasoning, precision of thought, and fluency in using basic mathematical techniques to solve interesting problems. The problems on the Junior Mathematical Challenge are designed to make students think!

What happens after the Challenge?

To recognise the highest performers in the Challenge, the top-scoring 50 % of participants nationally are awarded Bronze, Silver and Gold certificates in the ratio 3:2:1. In addition, around 1200 of the very highest performers nationally are invited to take part in the Olympiad and around 10000 to take part in the Junior Kangaroo.

How can your son prepare for the Challenge?

We hope that taking part in the Intermediate Mathematical Challenge is a stimulating and rewarding experience for all students, whether or not they have prepared for it. We now run a Mathematics Challenge Club on Wednesday lunchtimes where students can collaborate with others on past questions and problem solving. Students can also use past Junior Mathematical Challenge papers as a source of high-quality problems to encourage them to think mathematically and to prepare for the competition. These papers are available on the UKMT website at <https://www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive>.

We hope your son is keen to take part in the Junior Mathematical Challenge and demonstrate his mathematical ability and problem-solving skills.

Yours sincerely

Mrs J. Holmes
Mathematics Department UKMT Co-ordinator