

22/6/2020

Dear Parent,

JUNIOR MATHEMATICAL CHALLENGE

We would like to inform you that we are entering 400 boys from Years 7 and 8 for the Junior Mathematical Challenge on **Thursday 25th June** and your son has been selected to enter the competition.

The Junior Mathematical Challenge is a 60-minute, multiple-choice competition which is aimed at students across Years 7-8 and promotes a love of problem-solving. It 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. Most are accessible, yet still challenge those with more experience.

About the online Challenge

The Challenge will be live on **Thursday 25th June at 10:30am**. The Challenge can be taken on all devices - smartphones, laptop, iPad, PC etc. Students will be allowed 60 (continuous) minutes to complete the challenge. After the hour has expired, they will be unable to continue, amend answers, or log back in.

Your son will receive an email with details of how to log in to his online profile. Please let us know if you have not received this!

What happens after the Challenge?

Results will be published by 8th July, with statistics for our school and downloadable named certificates. To recognise the highest performers in the Challenge, the UKMT award the top-scoring 40% of participants Bronze, Silver and Gold certificates in the ratio 3:2:1.

Students will also be able to log back in to compare their answers with the solutions. The students will be able to see the question, the answer options with their answer highlighted, whether they answered correctly and a solution explanation underneath.

Unfortunately, the UKMT regret they are unable to run the follow-on (Junior Olympiad and Kangaroo) rounds in 2020.

Preparing for the Challenge

We hope that taking part in the Junior Mathematical Challenge is a stimulating and rewarding experience for all students. They have the opportunity to practise some questions before the date of the Challenge by following the steps below. This is the same page they will use to log in to the actual Challenge and the questions and answers are set out in the same format.

- Open a browser and go to the site challenges.ukmt.org.uk

- Click on Challenges
- Under Practice, click JMC 2019 Questions

For more practice students can use the following link: <https://www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive>

We hope your son is looking forward to taking 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