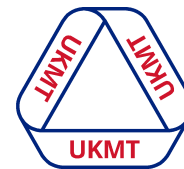


Marking Lead - Junior Mathematical Olympiad (JMO)

Volunteer role summary (June 2022)



United Kingdom
Mathematics Trust

Overview

UKMT runs various competitions throughout the academic year. More details of these can be [viewed here](#). Our volunteer Markers, Problem Captains and Marking Leads play a pivotal role in the success of the challenges and their reach across the UK.

The Junior Mathematical Olympiad is a competition aimed at secondary school age children across the UK.

The Junior Mathematical Olympiad is a follow-on round to the Junior Mathematical Challenge. It is a two-hour Challenge consisting of 16 problems: 10 in Section A and six in Section B. Only answers are required to the problems in Section A whereas full written solutions are required for problems in Section B.

We invite around 1,200 qualifying students from the Junior Mathematical Challenge to take part in the Junior Mathematical Olympiad. Students who have missed the qualifying threshold and therefore do not receive an invitation may be entered into the Challenge at the discretion of their school.

The competition is used to help identify students who may go on to represent the UK team for international competitions and encourage a love of mathematics and problem solving.

Role

As Marking Lead, you will coordinate with the Problem Group Chair for JMO. You will be responsible for setting the mark scheme and supporting the Problem Captains.

As the marking weekend leader you will be required to work through the paper before the marking weekend, working to collate the final mark scheme.

You will lead the markers in a confidential setting to mark the competition papers and also moderate marked scripts. As the weekend lead you will also assist and guide your team to encourage consistency and uniformity across the scripts.

UKMT office staff will support with administration throughout the process and be in attendance at the marking weekend.

An important part of the role is selecting appropriate problem captains and working with them prior to the event to create mark schemes for each question. Set mark schemes are not necessarily final and discussions between markers will happen at the start of the marking weekend, which may lead to amendments. The Marking Lead will use their knowledge of the paper and marker experience to select suitable groups of volunteers to mark each question and form the problem groups.

In addition, time must be spent on Cuttle looking through scripts prior to the marking weekend so that the mark schemes have been informed by the work candidates have done and to highlight any potential issues markers may come across during the weekend. This allows for the Marking Lead to be foresee any common problems that may arise during the marking weekend.

Thought needs to go into creating the problem teams too, there will a mix of experience and expertise and so this needs to be handled carefully.

The Marking Lead is responsible for overseeing new markers during the marking weekend and answering any questions they may have relating to the marking itself. This may be providing further details of how marking Olympiad papers differs from GCSE papers etc. UKMT office staff will support in this process.

Location and Availability

Marking will usually take place in person in London. The next JMO Marking Weekend will take place at Imparando, Aldgate, London, E1 1LP, over the weekend of 6th / 7th August. If you are able to attend this weekend then you will be able to work alongside the current Marking Lead to understand the role and the responsibilities involved.

Next year marking will take place on the weekend of 24th/ 25th June 2023 and you will need to be available for this weekend. There are some elements of planning in the month prior to the Marking Weekend that you will need to be contactable via email for. You may also be required to support further marking and general queries for approximately 2 weeks following if needed.

Skills and experience

- Dedicated to promoting a safe and inclusive environment for young people..
- Experience as a Marker or Marking Lead at UKMT.
- An inspiring and enthusiastic Mathematician.
- Someone who enjoys solving mathematical problems.
- Familiar with marking at the appropriate academic level.
- Ability to understand and apply a marking scheme consistently.
- Someone with strong organisation and communication skills.
- Able to work accurately, with close attention to detail.
- Positive with a flexible approach.
- Comfortable working with highly confidential competition material.

About the UKMT

Further information on what UKMT does can be viewed [here](#).

All policies of the trust can be found [here](#).

Any Questions

Should you have any questions or require adjustments to the application process please contact volunteering@ukmt.org.uk

Next Steps

Please send a CV and Covering Letter to volunteering@ukmt.org.uk. Applicants will be screened on a rolling basis; early application is encouraged. Should you have any questions or require adjustments to the application process please contact volunteering@ukmt.org.uk.