

## **Oxford Maths Ambassadors: Outreach and Public Engagement in Mathematics**



## **Who are the Oxford Maths Ambassadors?**

The Oxford Maths Ambassadors are the students that make outreach events truly welcoming and friendly, and help make every event run smoothly. Ambassadors can be undergraduates, graduates or even postdocs. The key attributes of Ambassadors is their pro-activeness, enthusiasm for Maths and commitment to the outreach work that we do, trying to ensure that every visitor to Oxford feels welcome and included.

## **What do the Oxford Maths Ambassadors do?**

There are a vast number of opportunities to get involved in over the year – whatever suits your preferences can probably be accommodated.

### **CONTACT EVENTS:**

Contact events are those where you are required to engage directly with attendees, either through directing and answering questions, or by delivering a talk or workshop.

### **Open Days**

These are the main recruitment days for the Undergraduate courses. Help is usually required in the form of being around before and after sessions to answer any questions that prospective students might have, and to share experiences of being at Oxford. Selected students may be asked to give a “Day in the Life” talk.

Dates: April/May, June & September

### **Oxford Online Maths Club**

Every Thursday James Munro runs an hour of online maths activities aimed at school students in Year 11 and 12. We need lots of enthusiasm and ideas for this!

Dates: Runs January – June.

## School Events

We run a huge number of events for schools during the year, both at the department and in local schools. Details of each one will be shared through the mailing list, but you can see the variety on offer on the [Departmental Outreach](#) pages. For events in the department the main duties here are stewarding, helping attendees find their way, supporting the operational requirements of the events and answering questions or sharing your experience. For some of these events you may be interested in delivering a talk or workshop. Events at schools will involve delivering a talk or workshop, and there are standard ones you can start with (with support).



Dates: All through the year, October – June

## Summer Schools

There are two main summer schools supported by the Department: The UNIQ summer school ([www.uniq.ox.ac.uk](http://www.uniq.ox.ac.uk)) and PROMYS Europe ([www.promys-europe.org](http://www.promys-europe.org)). Both of these need mentors/helpers/counsellors, which usually involve an application process. The duties vary, but these are paid opportunities.

Dates: July-August

## Oxford Maths Festival

In February, we run the [Oxford Maths Festival](#), a science festival dedicated to Maths! This event is extremely rewarding and fun to be a part of. We also take part in other science fairs in Oxford, such as IF Oxford. Involvement here will be engaging the general public in simple mathematical activities and stewarding duties.



Dates: May

## **NON-CONTACT EVENTS**

### **Blog posts & Videos**

You are welcome to write articles or blog posts, or make videos on a topic that interests you. We will then review this to ensure the content level is appropriate for the audience you are aiming it at, before publishing on our website or YouTube.

## **Benefits**

### **Development of skills**

Public speaking, interpersonal skills, problem solving and time management are just some of the skills you will gain from regular involvement with outreach.

### **Make friends**

Meet regularly with others who are enthusiastic about sharing their love of maths, cake provided. We also have a celebration party at the end of the year.

### **Free T-shirt**

At the first event you volunteer at, you will get a free Oxford Maths T-shirt. We ask that you wear this every time you volunteer.

### **Earn extra income**

Some opportunities are paid, and can supplement your income.

### **Certificate of Involvement**

Provided you meet the requirements, we will issue a certificate at the end of each year to acknowledge your contribution formally. We give these out at the end-of-year Outreach Celebration.

### **Encourage other people to love mathematics!**

The more the merrier, right?



## Commitment

### Training course

Before doing any activities you will need to attend a training course, which is available on Canvas for you to complete in your own time. This will inform you about the background of what we do, information you might need, and all the necessary legal aspects of working with children.

### Involvement in activities

You can be as involved as you like during the year. If you would like to receive credit for your involvement at the end of the year in the form of a certificate, we require 15 hours of involvement over at least 3 events in the year. Videos and blogs are credited at 3 hours each.

## Contact

If you have any questions about the Oxford Maths Ambassadors please contact:

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