



Dear Colleague

Exeter Maths School are once again inviting your Year 6 mathematicians to take part in our Primary Poster Competition 2026, exploring a creative, beautiful and surprising area of Maths.

**The theme for this year's competition is: Polygons**

The competition is open to students in Year 6. Students may enter as individuals or as part of a small team, up to a maximum of four per team. Schools may enter as many posters as they like. An information sheet for students is over the page.

Posters will be judged by our Year 12 and 13 students later in the Summer Term. The top winners will receive a mathematical prize and a certificate. There will also be certificates for any special mentions our students wish to make. Winning posters may be featured on our website.

To take part, please follow the steps below:

1. Enjoy the activity with your class! Have fun!
2. Assign each poster entry in your school a letter (or letters) – eg A, B, C, etc. If more than one class is participating, please ensure you are using different letter(s). Write your school's DfE number (that's the one in the format 987/1234) *clearly* on the backs of each poster, along with the letter you've assigned to it (eg. 987/1234A, 987/1234B, etc). Make sure you've written down for yourself which students were assigned each letter(s) and take a copy or image of each poster for your own records.
3. Complete the online entry form at [bit.ly/emsposter26](https://bit.ly/emsposter26). Note: On the form we ask for your school's DfE number, how many girls and boys participated, how many of the students are entitled to Free School Meals, and the first names of the students who completed each poster. You can submit up to 12 entries in one form and submit a new form if you need more.
4. Mail your posters to *Poster Competition, Exeter Maths School, Rougemont House, Castle Street, Exeter EX4 3PU*. Note: we no longer accept email entries.

Your entries should arrive with us by **Monday 22<sup>nd</sup> June**. We will notify you of the outcome of the competition by Friday 10<sup>th</sup> July. Please contact [events@exeterms.ac.uk](mailto:events@exeterms.ac.uk) if you have any questions.

We're looking forward to seeing what your students come up with!



EXETER  
MATHS  
SCHOOL  
FREEDOM FOR THINKERS

# Primary Poster Competition

Your Challenge: To produce an A3 poster with the title **Polygons**.

Your poster should include:

- Answers to at least some of the questions below
- The results of your research
- Some ideas of your own

Your poster will be judged on:

- Mathematical content
- Creativity
- Overall presentation

These are regular polygons:



Explain what makes them regular.

Investigate the **tessellation** of regular polygons:

- How many regular tessellations are there?
- Can you explain why these are the only regular tessellations?
- Find out about **Archimedean tessellations**. What are they?  
Can you give some examples and explain how they work?
- How did **M.C. Escher** use tessellating polygons to create pieces of art?

Your teacher will send completed posters to Exeter Maths School by Monday 22<sup>nd</sup> June, and we'll let them know how the competition went by 10<sup>th</sup> July.