



# SHARE YOUR PASSION FOR MATHEMATICS

## Competition

### Introduction

The Department of Mathematics and Statistics at the University of Ottawa and the Canadian Mathematical Society (CMS) share a long history of active involvement in the community through various outreach and enrichment activities. We are fortunate to have a dedicated group of educators who truly believe that the responsibility of any academic institution goes well beyond the walls of the institution to reach the community in which we live and work.

We are proud and excited to join efforts this year to launch a new initiative: “Share your passion for Mathematics” to celebrate the International Day of Mathematics.



**REGISTER YOUR ACTIVITY**

<http://www.idm314.org>

# Some background

Celebrate with us!

The International Day of Mathematics (IDM), also known as Pi Day, is a worldwide celebration of all that Mathematics has brought to humanity: advancements in technologies, engineering, industry, sciences, health, and philosophy. The discipline has contributed significantly to improve many aspects of our daily lives and it has certainly lived up to its reputation as the queen of all the sciences.

On March 14 of every year, all countries around the world are invited to celebrate mathematics through various activities in schools, museums, libraries, and other public spaces. It is a way to celebrate the beauty, elegance, and power of Mathematical Sciences. In recent years, Canada has ranked at the bottom of the list of countries who reported activities celebrating Mathematics.

This year, the Department of Mathematics and Statistics at the University of Ottawa and the Canadian Mathematical Society would like to celebrate the 2023 IDM with schools from all corners of Canada. To this end, we are launching a new initiative to encourage young students to learn more about mathematics and share with others the importance of the discipline in our society. Through this initiative, we are hoping to raise awareness about the importance of Math education in our society.



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# Share your passion for Mathematics competition

We invite schools to tell us about an activity that a class (or a team of students) in the school has organized to celebrate Pi Day. This competition is open to grades 7 through 12 or equivalent. Each school can submit **one** YouTube video (max 7 minutes) describing the activity and the mathematics involved in it. The theme for the 2023 International Math Day is “Mathematics for everyone”. However, schools are free to choose a theme that best suits their student population.

## Register your activity and let your school shine on the globe.

If your school plans to participate with an activity, you can register the event on the International Math Day webpage, <http://www.idm314.org>, and your school and the event will show up on the map of all activities around the globe.



Here are just a few ideas for activities you can organize in your classroom.

- Various ways to estimate the value of Pi.
- A Pi Day Scavenger Hunt. Hide Pi-themed objects around your classroom/school.
- Mathematics in real life.
- Pi through history.
- Pi Day also happens to be the birthday of Albert Einstein. Play an Einstein-themed trivia game or have an Einstein impersonator contest.
- How Mathematics unites us.
- How Mathematics makes the world a better one.
- Mathematics and technology.
- Pi in arts.
- Any other aspect you find interesting in Mathematics.

## Rules of the competition

- Teachers are encouraged to coordinate to submit a **single** video representing the school. Participating schools should produce a single secure YouTube video and submit the link to [ids@cms.math.ca](mailto:ids@cms.math.ca)
- Submitted videos will be judged by a selection committee of professors in the department of Mathematics and Statistics at the University of Ottawa.
- We require that schools get the parents' consents for any student participating. YouTube videos will only be seen by the selection committee members of the University of Ottawa.
- Submitted videos should be 7 minutes or less.
- Videos should briefly describe the activity celebrating the day and the mathematics involved in it.
- Videos can be submitted in either one of the official languages.
- The last day to submit a video is **Friday, March 24, 2023 at 5:00 PM.**
- There is a limit of 25 videos that we can accept. So only the first 25 videos submitted will be evaluated.
- There will be prizes awarded for the best three videos. The amount of each prize will be divided among the teammates in the form of gift certificates from various sources.
- Prizes will be awarded once the winning activity has been registered on <http://www.idm314.org>
- Schools of the selected projects will also receive recognitions.
- By submitting a poster, schools and parents of participating students agree that if selected, videos might be posted on the CMS and the University of Ottawa webpages.