

# 2020 CMGC



CMS  
SMC

CELEBRATING 75 YEARS OF CMS

CANADIAN MATHEMATICAL

# GRAY JAY

COMPETITION 

*INTRODUCING OUR PRIMARY COMPETITION*



## ABOUT THE CANADIAN MATHEMATICS GRAY JAY COMPETITION (CMGC)

CMGC is Canada's newest national mathematics competition for students in grade 5-8 with an interest in mathematics and problem solving. After over 11 years of success with the Canadian Open Mathematics Challenge, targeted mainly at students from grade 10 and above, the Canadian Mathematical Society will be launching its first ever elementary school competition to light the mathematical fire in students from a young age and foster analytical thinking skills. Over 3000 students from Canada and all around the world are expected to take part in the first year of the competition, a number that is expected to grow in the following years. The exam consists of multiple choice problems conceptualised by the CMS's Competition Committee which consists of experienced mathematicians and math educators. The exams are marked through Crowdmark, which was originally founded to respond to the COMC's grading needs.

### Target Group

While any elementary and middle school student can take part in the competition, the questions are designed for students in grade 5-8.

### Outreach

The CMGC is advertised on CMS Social Media Pages and Publications. The CMS also advertises the competition to teachers association across Canada and sends invitation letters to school principals, math teachers, teachers' associations and math clubs to register their students.

The CMS will also invite 100 Black and Indigenous students to write the competition free of charge.

## GOALS

### For Sponsors and Organisers

The purpose of the CMGC is to encourage students to explore, discover, and learn more about mathematics and problem solving. The analytical skills that students gain through mathematics education is foundational in many STEM fields and pivotal for a successful career in STEM and in academic success of students in higher years.

The competition also serves to provide teachers with a unique student enrichment activity during the fall term. The CMS provides both students and teachers with a series of weekly problems and video solutions conceptualised by the Competition Committee on a user friendly app in the 9 weeks that precede the date of the competition. Students can win various prizes for engaging with problems of the week, including free subscription to tutoring and enrichment programs.

### For Students

Students who participate in this CMS competition will receive participation certificates and can win various prizes from CMS and its sponsors. They will also be more familiar with competition settings and can have an opportunity to take part in other CMS competitions such as the Canadian Open Mathematics Competition, the Canadian Mathematical Olympiad and the International Mathematical Olympiad and obtain scholarships through our university partners.



## SPONSORING THE CMGC

### Why do we need you?

The Canadian Mathematical Society is a registered charity that enjoys the expertise and the hard work of many of our staff and volunteers. However, it still needs the help and support of our sponsors and partners to make the Canadian Mathematical Gray Jay Competition the number one mathematics competition for elementary school students.

### An opportunity to engage students from underrepresented groups...

With the financial support of our sponsors and partners, we can keep the competition fees low so a greater number of students can participate in this important mathematical activity.

Moreover, in order to make the competition more equitable and give equal opportunity to all students from all walks of life, the CMS will invite 100 Black and Indigenous students from disadvantaged communities to write the competition and earn themselves an invitation to freely participate at the CMS math camps and other math and STEM activities.

## SPONSORSHIP PACKAGES

### All sponsors...

As the CMGC sponsor:

- Your contribution to the CMGC will be acknowledged in all media communications and social media literature relative to CMGC and CMS competition programs.
- You can have access to and a presence at [CMS Math Camps](#) and offer presentations or lessons and network with students and contact them in the future or continue with their mentorship.
- Your company or organisation will be given the opportunity to hold an exhibit booth or, present relevant mini-courses at the [CMS Semi-Annual Meetings](#), attended by over 500 mathematicians and University students from all over Canada.

### Primary sponsors (\$10K-\$20K)

As our primary sponsor:

- Your Logo will be displayed on the CMGC exam, all CMGC pages and CMGC media communications, invitation letters to schools and math teachers, the CMS website, and CMS Annual Report.
- At your request, information about your company or organisation will be displayed on the CMGC homepage.
- Your organisation or company can provide a quote for the media releases relative to the CMGC.
- Since this is the first year for the CMGC, your company will be among the first to invest in the competition.

For more information contact

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