



Mathletics Challenge 2012

Place: Tomken Road Middle School, 3160 Tomken Road, Mississauga

Date: **Saturday - November 10th, 2012**

Time: 9:00 am to 11:00 am for Grade 6 & 12:00 pm to 2:00 pm for Grades 7 & 8

Organizers: PEO Mississauga Chapter

Date & Venue

DATE: Saturday, November 10th, 2012

VENUE: The GYM at Tomken Road Middle School, 3160 Tomken Road, Mississauga

OBJECTIVE OF THE CHALLENGE

1. To create a passion in the application of mathematics in solving day-to-day scientific and engineering problems
2. To create an interest in active thinking and problem solving.
3. To introduce different facets of mathematics
4. To provide hands on experience in engineering problem solving.

CHALLENGE LEVEL

There are two levels that will participate in the Mathletics Challenge as below:

1. Senior Level – To all students in Grade 8 and 7
2. Junior Level – To all students in Grade 6

ELIGIBILITY / TESTING STANDARD/ PRIZES

1. All full time students registered in Ontario Curriculum Schools are eligible.
2. Questions are designed to reflect the Ontario Curriculum level of Grade 7 & 8 (Senior Level) and Grade 6 (Junior Level).
3. Questions are in application of mathematics to science and engineering.
4. Some questions will be based on topics introduced during the challenge.
5. First, Second and third prize will be awarded for students in each level.
6. All participants will be given certificate of participation
7. Prizes will not be awarded to winners that are not present at the time of announcement of the results.



REGISTRATION

1. Registration will be on first come first served basis. Approximately 35 students will be registered for each level; rest will be on waiting list.
2. There is no limit on number of students from each school.
3. All students shall register on www.peo-mc.ca and provide all required information
4. Normally a student can participate in one level of challenge only. However if any student in Grade 6 and below wants to participate in both the Levels then the student shall make registration for both the Levels indicating the preference.

CHALLENGE FORMAT

Both senior and junior level challenges are **INDIVIDUAL EVENTS**.

Each level of challenge will have two rounds:

1. All participants are required to participate in both rounds.
2. Speed and accuracy would be tested.
3. Each participant will be provided with a well identified Clicker.
4. This Clicker will have the provision to provide answers by pushing the selected button and then press SEND button
5. All students will answer the questions projected on the screen using the Clicker. Computer will record the response and compile the marks.
6. Students will be allowed to use all aids to solve mathematical problems like calculators, paper, pens, books etc. Students have to get their own calculators and to be used during the challenge.
7. Cell phones or any other telecommunication devices will not be permitted.
8. Late comers will not be allowed.



SCORING

1. Marks will be compounded from each Round where applicable.
2. No marks will be awarded for unanswered questions.
3. For some questions a bonus mark will be awarded to the student who provides the correct answer first.
4. Marks will not be deducted for wrong answers.

GENERAL RULES / INFORMATION

1. Contest is conducted in English.
2. A panel of adjudicators will resolve all disputes. Their decision will be final and binding.
3. Teachers, parents, guardians and their guests are welcome to attend the event and cheer the participants. The challenge will be held in the GYM. The guests will be able to witness the whole event and see the participants in action.
4. Teachers, parents, guardians and their guests shall not interfere or assist the participants.
5. Space is limited for teachers, parents, guardians and their guests. It will be on first come served basis.
6. No food and drinks will be permitted during testing.
7. A student without proper registration will not be permitted to participate in the challenge.
8. For model questions, visit the Education Committee page at our website <http://www.peo-mc.ca>

Disclaimer



The sole responsibility of the organizers and directors is for establishing and conducting the challenge itself. Parents, coaches, and guardians are responsible for the conduct of the participants. By agreeing to participate, the students, their parents, guardians and theirs shall hold harmless the organizers, directors, and volunteers of PEO Mississauga Chapter or PEO Mississauga Education Committee, or Mathletics Challenge 2011 organizers from any consequences of misbehavior on the part of the participants and from any damage to property or injury whatsoever to persons attending this event.

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