

ARML 2019

Information Session

February 16, 2019



FIELDS

Agenda

- ARML Contest Information
- Ontario Math Circles Logistics
- Team Selection Test
- Key Dates & Deadlines
- Miscellaneous

ARML is a team based competition held in the US across four locations

ARML Contest Information

**Worlds Largest Onsite
Competition**

More than 2000 students on 150+ teams compete simultaneously across the USA. Each team is made up of 15 students

Widely Recognized

Prestigious addition to university applications



The competition itself is made up of 4 different rounds

ARML Contest Information

Team Round

Team is given a set of 10 short answer questions (20 mins)

Power Round

10 full solution questions to be answered as a team around a central theme (60 mins)

Individual Round

Each student works individually on 10 questions – scores are added to the team total (10 minute sets of 2 questions each)

Relay Round

Students compete in smaller teams of three to gain points for the team (2 rounds, 6 minutes each)

There are two additional non-point rounds for bragging rights

ARML Contest Information

Song Competition

Teams can write and perform a song. Winning team gets to perform at the awards ceremony

Super Relay

All 15 students participate in one huge relay!



The next competition is May 31 – June 2

Team Logistics

Location & Accommodation

Penn State University – students and chaperones are hosted at university dorms

Timing

Competition starts evening of May 31 and goes until June 1. June 2rd is the travel day back

Transportation

A coach bus leaving from Toronto operated by Coach Canada

Cost

ARML will cost \$250 per student. This covers some meals, transportation, registration fees, t-shirt, and accommodation

We are planning to bring three full teams (45 students) to compete this year

Team Selection Test

Team Selection Test

To aid in team selection, interested students will write the Team Selection Test (TST) at various locations throughout Ontario - <http://www.torontomathcircles.ca/team-selection.html>

Time & Location

Week of February 25 – March 3

- Fields Institute – March 2, 1 – 3 pm
- Bruce White Academy – March 3, 3pm – 5pm
- Carleton, Herzberg Building Room 4351 – 7:30pm – 9:30pm

You must notify us which location you are planning to write at

Prizes will be awarded to top scoring students to assist with the ARML cost

Team Selection Test

Prizes

There will be prizes for top scorers in the competition in the form as a discount on ARML fees

- Three prize categories: Grades 11/12, Grades 9/10, and Grades <8
- First place in each category receives \$100, second place receives \$50

ARML Practices

Once teams are finalized, there will be team practices* held leading up to the competition. Practices are held at the Fields Institute from 10 am – 4 pm. Remote options will be available.

Deadlines are strict for border crossing considerations

Key Dates and Deadlines

Team Selection Test

If you want to attend ARML, you have to write the TST. Results available on March 9

Deposit

Once you have been notified of a spot*, a \$100 deposit is necessary to secure your spot on one of the teams – **April 6**

Visa & Passport

Students must have their necessary travel documents for border crossing ready by **April 20**. **NO EXCEPTIONS.**

Final Payment & Permission Forms

Final payment and permission forms are due **April 20**.

Other information:

Miscellaneous

Chaperones

Chaperones are typically made up of Math Circles instructors and parents, minimum 6. Can you chaperone? Let us know.

Math Circles Contacts

Sarah Sun & Eddy Liu

Other Resources

www.torontomathcircles.ca
www.arml.com

Questions

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