



EDMONTON

Saturday, April 5, 2025

9 a.m. to 6 p.m.

Grades 1–12



Join us as teams of students from grades 1 to 12 get up close and personal with engineering and geoscience at the **2025 APEGA Science Olympics – Edmonton** on Saturday, April 5, 2025, from 9 a.m. to 6 p.m. at the Butterdome.

What is the APEGA Science Olympics?

The APEGA Science Olympics is an interactive and interschool engineering and geoscience event for students in grades 1 to 12 that takes learning beyond the classroom. Students are given a series of problem-solving challenges that demonstrate the fun side of engineering and geoscience and allow them to see first-hand how these fields impact our everyday lives. Students cover many areas of scientific study while learning to work and interact within a group. They use their skills and innovative ideas to develop creative solutions to various challenges throughout the day. All challenges at the event are related to Alberta school curriculum and have been developed by a group comprised of APEGA professional engineers and professional geoscientists, as well as Alberta teachers.



The Challenges

The APEGA Science Olympics consists of two types of challenges:

1. **Classroom challenges**, which are made in advance and brought to the APEGA Science Olympics for on-site testing and judging.
2. **Mystery challenges**, which are introduced and completed on the day of the event.

Participating students are registered in divisions 1, 2, 3, or 4 depending on their grade. Students in grades 1 to 6 participate from 9 a.m. to 1 p.m., and grades 7 to 12 participate from 1:30 to 6 p.m. A detailed schedule will be released before the event.

Event Package

The event package, outlining the Classroom Challenge and additional details, will be emailed to coaches on **October 16, 2024**.

Awards

All participants will receive a small memento of their participation in the 2025 APEGA Science Olympics – Edmonton.

Teams will be given a score for each challenge. Their cumulative scores will be measured against set point thresholds, from which a final ranking will be determined. This may result in multiple teams receiving gold, silver, or bronze. We will present teams with awards, and the top teams from each division will be recognized.

TEAMS

Each team consists of five students and one coach (educator or designated alternate). The coach may alternate provided there is at least one adult present to supervise the team throughout the day.

Registration

Completed registrations will be accepted on a first-come, first-served basis.

Register today at apega.ca/science-olympics.

Credit card payments will be processed immediately upon submission of the registration form.

Registration deadline: February 19, 2025, 11:59 p.m. MST.

Registrations are not complete until the registration fee has been paid. Emails or phone calls will not guarantee a spot at the APEGA Science Olympics – Edmonton.

Registration Fee

Divisions 1 and 2 (grades 1 to 6) – \$80 plus GST/team

Divisions 3 and 4 (grades 7 to 12) – \$100 plus GST/team

- Refund requests will be honoured until 11:59 p.m. MST on February 19, 2025. All refund requests will be subject to a \$5.25 fee. Refunds are not permitted after February 19, 2025.
- Substitutions of teams or team members are allowed. A maximum of five students may compete on a team at once. Each team will receive gifts and prizes for up to five participants.
- Credits on accounts are not permitted.

Photos

APEGA will be taking photos and videos of teams and activities during the APEGA Science Olympics – Edmonton. These images and footage are collected for use in event promotions and may be printed or posted online. Individuals' names will not be published. School names may be published if applicable. Please share this information with student participants and their parents or guardians, as required, based on the privacy protection policies of your school board.

Additional Details

- Only students, judges, and APEGA staff and volunteers are allowed in the competition area at any time.
- Spectators are welcome. Bring someone to watch and cheer for your team from the spectator area.
- Team check-in on the day of the event begins at 8 a.m. for grades 1 to 6 and 12:30 p.m. for grades 7 to 12. Challenges start at 9 a.m. for the morning session and 1:30 p.m. for the afternoon session. A detailed schedule will be sent via email in advance of the event.
- Exhibitors will be on-site with intriguing engineering and geoscience displays.
- More information and an event poster can be downloaded from apega.ca/science-olympics. Promote this event by downloading and sharing the poster in your communities.

**We hope to see you and your students at
the APEGA Science Olympics – Edmonton.**



QUESTIONS?

Please contact the APEGA Outreach team:

Phone: 587-489-1500

Toll Free: 1-800-661-7020

Email: outreach@apega.ca

apega.ca/science-olympics

The APEGA Science Olympics is proudly brought to you by the Association of Professional Engineers and Geoscientists of Alberta.
