APEGA SCIENCE OLYMPICS
Fort McMurray Branch

General Information Package

GRADES 7–9

IGNITE INNOVATION

Oil Sands Discovery Centre | February 5, 2027 | 9 a.m. to 2 p.m.

Presented by:

APEGA's Fort McMurray Branch and The Oil Sands Discovery Centre





Join teams of students and ignite a passion for engineering and geoscience at the **APEGA Science Olympics—Fort McMurray.**

What is the APEGA Science Olympics—Fort McMurray?

The APEGA Science Olympics events take 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 explore many areas of scientific study while learning to work and interact within a team.

Each team consists of up to five students as stated on the registration form and one coach (teacher or designated alternate). The coach may alternate provided at least one adult is present to supervise the team throughout the day.

Science Olympians use their skills and innovative ideas to develop creative solutions to various challenges throughout the event. These challenges are related to the Alberta school curriculum and have been developed by a group comprising APEGA professional engineers and geoscientists, and Alberta teachers.



Registration and Challenges

Each team consists of five students and one coach (teacher 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.

Registration deadline: November 1, 11:59 p.m. MST

Registration cost: FREE

Challenge Types

Please note, this year's APEGA Science Olympics – Fort McMurray, will consist of two types of challenges:

- Classroom challenge, which is made in advance and brought to the APEGA Science Olympics for on-site testing and judging.
    - teams will decide on their own design and materials for their prototype
    - all materials for the prototype are purchased by the team using a set budget as outlined within the challenge documents.
- Mystery challenge, which is introduced and completed on the day of the event.

Registrants will receive an email on **Monday, November 5, 2026**, with access to your classroom challenge and planning documents, along with a frequently asked questions document.



Scoring

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.

Photos

APEGA will be taking photos and videos of teams and activities during the APEGA Science Olympics. 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

- Team check-in on the day of the event begins at 9 a.m., and challenges start at 9:30 a.m. Teams will be responsible for bringing their own lunches.
- Only students, judges, and APEGA staff and volunteers are allowed in the competition area.
- Spectators are welcome to attend the awards ceremony. The awards ceremony starts at 1:30 p.m. and will be located in the theatre space of the Oil Sands Discovery Centre



We hope to see you and your students at the APEGA Science Olympics—Fort McMurray.

APEGA

SCIENCE OLYMPICS

QUESTIONS?

Please Contact:

fortmcmurraybranch@apega.ca

apega.ca/science-olympics

Thanks to our Partner Organizations

Oil Sands Discovery Centre

Alberta



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

#SciOlympics

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