

2019 APEGA SCIENCE OLYMPICS — WOOD BUFFALO

presented by the Oil Sands Discovery Centre and the APEGA Fort McMurray Branch



General Information Package



F R I D A Y
JANUARY 25
9 a.m. to 2 p.m.

FORT MCMURRAY
OIL SANDS DISCOVERY CENTRE
515 MacKenzie Blvd

GRADES
7-9

**Join us as teams of students from Grades 7 to 9
get up close and personal with
engineering and geoscience at the
2019 APEGA Science Olympics – Wood Buffalo,
presented by the Oil Sands Discovery Centre and the
APEGA Fort McMurray Branch
on Friday, January 25, from 9 a.m. to 2 p.m.
at the Oil Sands Discovery Centre.**

WHAT IS THE APEGA SCIENCE OLYMPICS – WOOD BUFFALO?

The APEGA Science Olympics – Wood Buffalo is an interactive and interschool engineering and geoscience event for students in Grades 7 to 9 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 curricula and have been developed by a group comprising APEGA professional engineers and professional geoscientists, as well as Alberta teachers.

THE CHALLENGE

The APEGA Science Olympics – Wood Buffalo will consist of mystery challenges, which are presented and completed the day of the APEGA Science Olympics.

AWARDS

All participants will receive a small memento of their participation in the 2019 APEGA Science Olympics – Wood Buffalo.

Teams will be given a score for each challenge. Their cumulative scores will be measured against set point thresholds, from which a final ranking is determined. This may result in multiple teams receiving gold, silver, or bronze.

PHOTOS

Members of the APEGA Fort McMurray Branch and employees of the Oil Sands Discovery Centre will be taking photographs of teams and activities during the event. These images are collected for use in promoting science and technology events, and they 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 Individuals' names will not be published.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.

TO ENTER

Registration Fee

- **\$20 per team**
- Refund and cancellation requests will be honoured until end of day January 18, 2019.
- Substitutions of teams or team members are allowed.
- Credits on accounts are not permitted.

Teams

Each team consists of five students and one coach who may be a teacher, designated alternate, or parent.

Registration

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

Complete the enclosed registration form and email it to:

Oil Sands Discovery Centre

osdc.education@gov.ab.ca

Details about methods of payment will be provided to you upon acceptance of your registration.

Registration deadline: Friday, January 11, 2019

EVENT PACKAGE

The event package with additional details will be emailed to teams in early January.

ADDITIONAL DETAILS

- Team check-in on the day of the event begins at 9 a.m., and challenges start at 9:30 a.m.
- Spectators are welcome to watch the judging and the awards ceremony. Due to space limitations, spectators will not be able to watch the Mystery Challenges. Admission to the Science Olympics will not grant spectators access to other Oil Sands Discovery Centre exhibits.
- Students are responsible for bringing their own lunches.

This general information package, the registration form, and the poster can be downloaded from apega.ca/educators/science-olympics.

Please help promote this event at your school by posting the event poster in your school staff room.

CONTACT

If you have any questions, please contact:

Oil Sands Discovery Centre
Phone: 780-743-7167 Ext 226
Email: osdc.education@gov.ab.ca

We hope to see you and your students at the
OIL SANDS DISCOVERY CENTRE
ON FRIDAY, JANUARY 25.



The Association of Professional Engineers and Geoscientists of Alberta is proud to support the Science Olympics, hosted by our Fort McMurray Branch and the Oil Sands Discovery Centre.

www.apega.ca