

# 2019 APEGA SCIENCE OLYMPICS — MEDICINE HAT



## General Information Package



SATURDAY  
MARCH 16  
12 p.m. to 4 p.m.

MEDICINE HAT HIGH SCHOOL  
200 7th Street SW

GRADES  
4-6  
AND  
10-12

**Join us as teams of students from Grades 4 to 6 and Grades 10 to 12 get up close and personal with engineering and geoscience at the 2019 APEGA Science Olympics – Medicine Hat on Saturday, March 16, from 12 p.m. to 4 p.m.**

## **WHAT IS THE APEGA SCIENCE OLYMPICS – MEDICINE HAT?**

The APEGA Science Olympics – Medicine Hat is an interactive and interschool engineering and geoscience event for students in Grades 4 to 6 and Grades 10 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 curricula and have been developed by a group comprising APEGA professional engineers and professional geoscientists, as well as Alberta teachers.

## THE CHALLENGE

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The APEGA Science Olympics – Medicine Hat consists of mystery challenges, which are introduced and completed on the day of the APEGA Science Olympics.

## TO ENTER

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### Teams

Each team consists of two to 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. Schools are allowed to register one team. A second or third team will be accepted only if space is available.

Complete the enclosed registration form and email it to:

**Randi Buchner, E.I.T.,** Branch Outreach Lead  
randibuchner@gmail.com

**Registration deadline: Wednesday, February 27, 2019**

## **AWARDS**

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

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**

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A member of the APEGA Medicine Hat Branch will be taking photographs of teams and activities during this 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.

## **ADDITIONAL DETAILS**

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- The only people allowed in the event area at any time are students, judges, and APEGA staff and volunteers.
- Team check-in on the day of the event begins at 12 p.m., and challenges start at 12:30 p.m.
- Spectators are welcome. Bring someone to watch and cheer for your team.

This general information package, the registration form, and an event poster can be downloaded from [apega.ca/educators/science-olympics](http://apega.ca/educators/science-olympics).

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

## **CONTACT**

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**If you have any questions, please contact:**

**Randi Buchner, E.I.T.**  
**Outreach Lead – Medicine Hat Branch**  
**Phone: 403-977-2134**  
**randibuchner@gmail.com**

We hope to see you and your team(s) at the  
**MEDICINE HAT COLLEGE**  
**ON SATURDAY, MARCH 16.**



The Association of Professional Engineers and Geoscientists of Alberta is proud to support Science Olympics, hosted by our Medicine Hat branch.

[www.apega.ca](http://www.apega.ca)