

# Miller Museum of Geology

Queen's University, Kingston, ON, Canada

## School Programs 2024-2025

Elementary Level

Meteorites!



Fossils!

Mineral Identification



Igneous  
Sedimentary  
Metamorphic  
Rocks



Minerals in our lives!

**The Study of the Earth**  
[queensu.ca/millermuseumofgeology](http://queensu.ca/millermuseumofgeology)



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The Miller Museum of Geology, located in the Department of Geological Sciences and Geological Engineering at Queen's University, has been offering curriculum-linked education programs for school groups visiting the museum since 1988.

**Program Duration:** 45 minute instructor-led hands-on classroom program followed by 15 minutes of self-guided discovery time in the mineral and fossil galleries (at least 1 hour total program time at the museum)

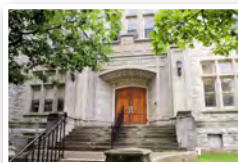
**Cost:** \*\$70/group (maximum 30 participants) (\$60/group for two programs booked on the same day; \$50/group for Miller half of **The Earth and the Stars** program with the Queen's Observatory)  
\*Financial accommodations available

**To book or for more information:**

**Email:** [millermuseum@queensu.ca](mailto:millermuseum@queensu.ca)

**Tel.** 613.533.6767

**Souvenir Sales:** With prior approval from the teacher students can purchase small mineral and fossil souvenirs for very reasonable prices while at the museum. Email or phone for details.



Miller Hall

Department of Geological Sciences and  
Geological Engineering  
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Kingston, Ontario, K7L 3N6  
[queensu.ca/millermuseumofgeology](http://queensu.ca/millermuseumofgeology)

For other museum-based educational programs available in the Kingston area, check out [kingstonmuseums.ca](http://kingstonmuseums.ca)

## Popular Programs at the Elementary Level

### Mineral Identification Program

([Grade 4 science curriculum link](#))

- Students do hands-on hardness, streak, lustre, and other diagnostic tests on real mineral samples.
- Introductory interactive talk focuses on the use of rocks and minerals in everyday life with students handling real specimens including obsidian, gold, and copper ore.
- This hands-on program functions well as either an introduction to the topic or a culminating wrap-up activity.

### Introduction to Geology Program

([Grade 4 science curriculum link](#))

- Interactive 45 minute overview of geology (the study of the Earth).
- Topics can include: origin of the Earth, rock types and their formation, minerals and their uses in everyday life, and fossils
- Students get to touch samples of meteorites, each type of rock, various ores and crystals, and fossils, including a real dinosaur bone!

### Meteorite Program

([Grade 6 science curriculum link](#))

- An interactive 45 minute program about the oldest rocks in our solar system: meteorites!
- Topics include the origin of the Earth 4.6 billion years ago, meteor crater formation, and the impact of meteorites on Earth.
- Students use magnets, microscopes, and other equipment to search for their own "micrometeorites".
- Couple this program with a separate hour-long visit to the Queen's Observatory in **The Earth and the Stars** program (availability permitting, with separate fee applicable).
- Bring 2 classes on the same bus to pool costs and we can run concurrent programs for an entire morning or afternoon of learning!

### Other Programs Available!

- The museum offers a variety of other programs to support teaching at all levels including: **Dinosaurs** (k-gr2), **Soils** (gr3), **The Earth Through Time**, **Geology of the Kingston Area**, **Learning with Palaeontology** (\*NEW!), and others including **custom programming**.
- Contact the museum [millermuseum@queensu.ca](mailto:millermuseum@queensu.ca) or visit our website for more info  
[queensu.ca/millermuseumofgeology](http://queensu.ca/millermuseumofgeology)