ROTARY ALGOMA STEM FAIR

presented by Tenaris

APRIL 10, 2026

GEORGE LEACH CENTRE

INDIVIDUAL AND SCHOOL AWARDS

SCHOLARSHIP OPPORTUNITIES

TRIPS TO CANADA-WIDE SCIENCE FAIR

www.AlgomaScience.ca

Algoma University

Youth Science Canada
Sciences jeunesse Canada

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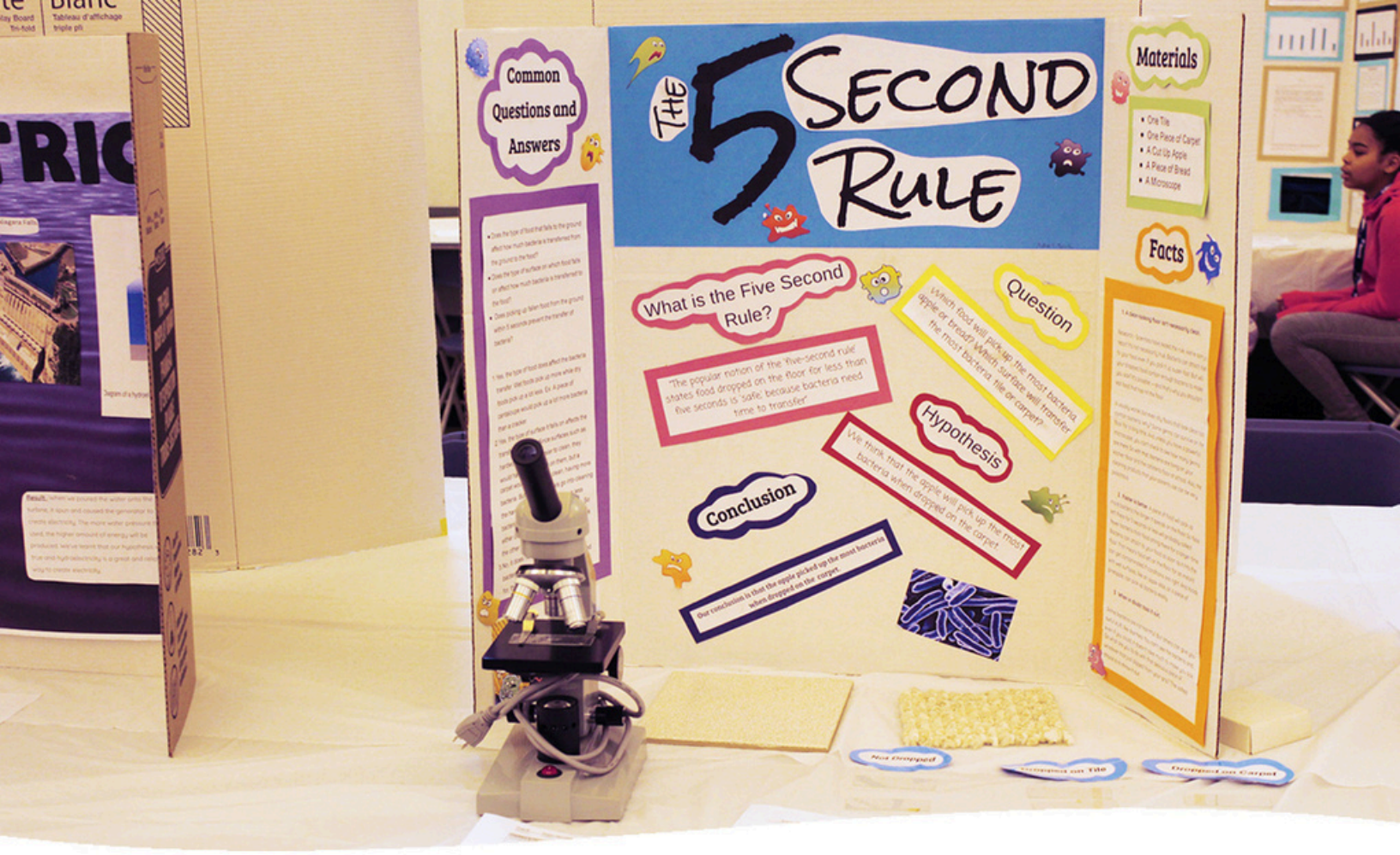
Club of Sault Ste. Marie



WHAT

The Annual Rotary Algoma STEM Fair is a regional STEM fair registered with Youth Science Canada. This year marks our 37th fair. Students conduct independent research, follow the scientific method, display their projects, present to judges, and interact with their peers.

WHO

All grade 7-12 students who attend school, or are homeschooled, in Algoma are encouraged to participate. Projects can be done independently or by partners (two students max).

WHEN

Friday, April 10th, 2026 with project drop-off and set-up the evening before.

WHERE

The George Leach Centre, located at the Algoma University campus.

WHY

To encourage students to share their interest in science, technology, engineering, and math with their peers, local experts, and our community by exploring the world around them - exposing them to the scientific method through practical application.

THURSDAY, APRIL 9

Project set up is from 3:00 p.m. to 6:00 p.m. at the George Leach Centre (Algoma University). All projects must be completely set up within this time period. If for any reason part of the project cannot be left overnight, please arrange with the Rotary Algoma STEM Fair planning committee.

FRIDAY, APRIL 10

All participating grade 7 to 12 students must report to the fair site and be ready to present by 9:00 a.m. There will be a break in judging from 11:30 a.m. to 12:30 p.m. for students to have lunch (pizza provided). Judging will resume from 12:30 p.m. to 3:00 p.m. at which time the day's judging will conclude.

An awards ceremony will be held immediately following, at 3:30 p.m. in the George Leach Centre. All students are encouraged to attend, as well as family, friends, and teachers. There will be awards, cash prizes, and scholarships distributed. Projects must be taken down and away immediately following the ceremony.

PICKING A TOPIC

All projects fall under one of two main categories: Discovery and Innovation.

Discovery projects involve the investigation of a scientific question or hypothesis through experimentation and analysis. These projects follow the scientific method to explore the natural world and expand our understanding.

Innovation projects focus on developing new technologies, products, or approaches to solve real-world problems. These projects demonstrate creativity, engineering principles, and practical application.

Within Discovery and Innovation, projects will be sorted into nine challenge areas:

Aerospace

Agriculture, Fisheries & Food

Curiosity & Ingenuity

Environment & Climate Change

Health & Wellness

Natural Resources

Digital Technology

Disease & Illness

Energy

PREPARING FOR THE FAIR

When brainstorming topics, experiments, materials, and other components of your project, please reference the Youth Science Canada website for an in-depth and detailed list of rules: www.youthscience.public.doctract.com. If you are ever unsure, please feel free to contact us. We would be happy to answer any of your questions.

WHAT TO BRING

A project display can consist of backboards, title boards, presentations, and prop materials. The entire display should not exceed a maximum space of 1.2 m wide, 0.75 m deep, and 3.5m high. The display must also include a journal and a written report for the judges to review.

Science board: highlights all the key components of your project – meaning a summary of all the main parts of the scientific process. A science board can be made up of words, pictures, graphs, etc. You will also need to provide the following documentation.

Journal: a detailed account of your experimental process, thoughts and observations.

Written report: A complete Project Report usually includes the following subtitles and sections. Depending on the level of the project this may not require all the components. Some variation is allowed for innovation/study projects that do not follow an experimental protocol.

- **Background:** How your project came to be.
- **Purpose:** Why your project was conducted and what you hoped to achieve.
- **Hypothesis:** Your proposition to be tested, if applicable.
- **Procedure:** A brief outline of the materials and methods used.
- **Results & Observations:** A summary of the results of your experiment, innovation, or study.
- **Conclusions:** What can be concluded from your results and why it is important.
- **Acknowledgements:** Recognition of those individuals, institutions and businesses that provided significant assistance.
- **References:** Detailed references are mandatory for any specific literature referred to in the text of the report.

Items not permitted to be part of the display: Glass, breakable (e.g. porcelain), dangerous noxious, chemical, living, or explosive materials. No powder, sand/grit, or liquid will be permitted.

REGISTERING FOR THE FAIR

Every project is required to be registered (partners share a registration) at www.AlgomaScience.ca by March 29, 2026. Students will be asked to submit information such as their name, age, school, as well as details about their project.

TRANSPORTATION

Typically, students find their own way to and from the fair (e.g. from parents and guardians). If your school chooses to provide bus transportation, please ensure students arrive by 9:00 a.m. and leave no earlier than 3:00 p.m.

JUDING & VISITING

Only participants and judges will be allowed in the fair area during the judging session. Judging is conducted by local scientists, professionals, and past educators. Guests are encouraged to attend the award ceremony at 3:30 p.m.

CANADA-WIDE SCIENCE FAIR

Four to five deserving students will be selected to attend an all-expense included trip to the Canada-Wide Science Fair, where they will meet hundreds of students from across the country and compete for over $1 million in prizes and scholarships. This year's fair is in Edmonton, Alberta from May 23 to May 30, 2026.

SCHOOL PRESENTATIONS

A member of our Rotary Algoma STEM Fair committee would be happy to present to your class or school about the benefits of attending the fair, just let us know!

FREE PREP SESSIONS WITH SCIENCE NORTH

We've partnered with Science North to offer students two sessions to help them create their best project. **"Interactive STEM Fair Info Night"** will be held on:

- January 15, 6pm. to 8 p.m. in CC305 (Algoma U Campus)
- February 5, 6 p.m. to 8 p.m. in NW201 (Algoma U Campus)

OTHER RESOURCES

www.YouthScience.ca - Youth Science Canada's website with resources for educators
www.mystemspace.ca - YSC's fully accessible youth-focused website

CONTACT US

Nilah Moss
Rotary Club of Sault Ste. Marie
nilah@rotarysault.com
705-945-1279

Dr. Dante Carlascio
Committee Chair
Rotary Algoma STEM Fair
dantecarlascio@gmail.com