



Youth Science Canada
Sciences jeunesse Canada

ALGOMA ROTARY 2012 YOUTH SCIENCE FAIR

**March 29th to March 31st at Algoma University –
George Leach Centre**

- All students from **Grades 7 through 12** are encouraged to participate (depending on number of entries we may have to limit to TOP 5 projects from each grade)
- **Project Divisions**; Junior (grade 7 and 8, Intermediate (grade 9 and 10), Senior (grade 11 and 12)
- **Project Challenges are:**
 - 1) Discovery
 - 2) Environment
 - 3) Energy
 - 4) Information
 - 5) Health
 - 6) Innovation
 - 7) Resources

DISPLAY; backboards, title boards, presentations, and prop material and all display equipment must be no more than 1.2 m wide, 0.8 m deep and 3.5 m high from the floor.

Projects should have;

- 1) **Science Board** - highlights all key components of your project – meaning a summary of all the main parts of the scientific process, including purpose, hypothesis, materials, methodology, results, discussion, conclusion, etc...
- 2) **Journal** – of experimental process to record your thoughts and observations.
- 3) **Database of Results** – database or spreadsheets are great for sorting information, allows you to prepare your data for future statistical analysis.
- 4) **Photographs**
- 5) **Written Report**- should contain, Abstract, Introduction, Background, Purpose, Hypothesis, Methodology, Results, Discussion and conclusion – what ever the length of your written report at Canada-Wide Science Fair will requires a maximum five page summary report, containing the above.

ITEMS NOT PERMITTED; Glass, Breakable, Dangerous, Obnoxious, Chemical Living, Explosives, Powders, Sand/Grit, Liquids, no ingesting projects allowed. (They will be removed from exhibit)

<http://ethics.youthscience.ca/news/ethics-and-safety-science-projects-canadian-elementary-secondary-school-students>

Judging Criteria;

Scientific thought, originality/creativity, and communication

Regional Awards;

Cash awards, plus gift cards up for grabs

Winners of Regional Science Fair: Receive an all-expense paid trip to the Canada Wide Science Fair where thousands of dollars' worth of cash and scholarships are up for grabs!

* Please note the above only highlights some of essential information regarding the Youth Science Fair. Please encourage students to visit below web links for further information and resources*

Youth Science Ontario web site is:

<http://www.youthscienceontario.ca/>

Youth Science Canada web site is:

<http://www.ycf.ca/>

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| Website: | www.sfiab.ca/algomarotarysciencefair/ |
| Registration: | secure.ycf-fsj.ca/sfiab/algomarotary |

Schools Access Code is: school

Science Fair projects aren't just research projects. They are much more than that! In fact, research is just one of the preliminary stages of conducting a science fair project. From research, you go to developing an idea, to testing that idea, to analyzing the results and drawing conclusions.

BEST OF LUCK!

Thank you
Krista and Arthur