

## Lambton County Science Fair Display Safety Rules

**Participants are encouraged to use video or photographic evidence of their experiment to ensure the projects meet the display rules below. All displays will be initially inspected to ensure they meet the display rules below. Any non-permitted display materials will be required to be removed during this safety inspection. Should you later be found to have these materials at your exhibit again, you will be disqualified from winning any awards.**

1. Operation of an open flame, candle, torch or any other heating device is not permitted.
2. Dry cells (Alkaline, NiCad, NiMH, Li-ion, etc.) and sealed lead-acid batteries (gel cells) may be used. Wet cell batteries are not permitted.
3. Dangerous moving parts, such as belts, gears, pulleys and blades, must be provided with a guard to prevent access to the moving parts.
4. Compressed gas cylinders shall not be displayed.
5. All lasers used must have a power of 1 milliwatt or less. Precautions must be taken to ensure that the direct beam never reaches the eye of the observer.
6. Moving exhibits (e.g., radio-controlled vehicles, robots) shall be restricted to the table top display space. The safety inspector and/or chair of the committee MAY, at is discretion, provide an area to safely demonstrate projects that require more than the regulation display space, IF YOU INDICATE THAT YOU REQUIRE IT WHEN REGISTERING ONLINE. However, extra space is not guaranteed if asked for.
7. The following materials shall not be displayed:
  - a) Flammable, toxic or dangerous chemicals.
  - b) Prescription drugs and over-the-counter medications – empty packages only may be displayed.

The display of chemicals is discouraged; however, other substances can be used to simulate chemicals for display purposes, i.e., Table salt can be used to simulate many chemicals, such as ammonium nitrate; Water can represent alcohol, ether and many other liquids; Molasses can be used to simulate petroleum products.

8. The total quantity of liquids displayed at a project shall not exceed 1 litre and shall be in sealed containers. No open liquids including water allowed.
9. The following biohazardous materials may only be displayed:
  - a) Cell or tissue samples including blood and blood products on sealed microscope slide.
  - b) Plants or plant tissue (vegetables, fruits, flowers) if they are completely sealed throughout the fair (saran wrap secured with tape, transparent Tupperware or container).
  - c) Soil containing organic material if they are completely sealed throughout the fair (saran wrap secured with tape, transparent Tupperware or container).
  - d) Cultures (mold or bacteria) in sealed (taped) petri dish or container if they are completely sealed throughout the fair (saran wrap secured with tape, transparent Tupperware or container).

**I understand these safety rules and will abide by them.**

**Student Name & Signature** \_\_\_\_\_

**Parent/Guardian Name & Signature:** \_\_\_\_\_