

## **NORTHERN B.C. PREGIONAL SCIENCE FAIR: SAFETY RULES**

The following safety rules will be strictly enforced. Projects that do not meet all safety rules will NOT be allowed into the Science Fair.

### **Displays:**

Exhibits must be sturdy, self-supporting and sufficiently stable to prevent accidental tipping. The exhibit is within **3.5 m high from the floor, 1.2 m side to side and 0.8 m front to back** (a three sided board). Project apparatus is within the project display area. All sheets on display are glued flat.

Backboards and title boards must be constructed of the following materials: Wood products and dimensional lumber at least 6 mm (0.25 inch) thick, metal, plexiglass, or Sintra, Intefoam or Intecell materials.

Backboards and title boards constructed of the following materials are specifically prohibited: Cardboard, coroplast, foamboard , paper products, plastic sheeting and foamed polystyrene (Styrofoam).

Papers presented on the exhibit table must be secured in a binder, Duo-tang, presentation folder, plastic sleeve or other appropriate enclosure.

### **Project Safety and Ethical Considerations:**

1. Operation of an open flame, candle, torch or any other heating device is not permitted.
2. Power bars, lighting and other electrical devices must be CSA approved.
3. Flammable, toxic or dangerous chemicals are not permitted and other non toxic substances can be used to simulate chemicals for display purposes.
4. Biological cultures and cell or tissue samples from plants or animals are not permitted. This includes plants or animal tissues, fur, bones etc.
5. Drugs, over the counter or prescription, may not be displayed.
6. Project displays must avoid sensational or gratuitous, macabre images.
7. Live animals (microorganisms, non-vertebrate and vertebrate) shall not be displayed. Use photos or props instead.
8. Firearms (even if appropriately locked), ammunition, dangerous goods or explosives shall not be displayed. Use photos or props instead.
9. Radioisotopes or compounds containing radioisotopes (radiation) at activities above normal background shall not be displayed.
10. Please be aware that Youth Science Canada prohibits experiments on live animals that may be harmful or cause stress to the animal. Projects must show humane and safe treatment of animals. See the regulations on the YSC website under Policy and Rules - Ethics and Safety at <http://www.yzf.ca/Members/policydirectory.aspx>
11. Research involving human beings must involve the principles of informed consent. See the regulations on the YSF website under Policy and Rules - Ethics and Safety at <http://www.yzf.ca/Members/policydirectory.aspx>