



**51st Sudbury Regional  
Science Fair**

**51e Expo-sciences régionale  
de Sudbury**

**[www.srsf.ca](http://www.srsf.ca)**

**Teacher's Guide to Registering Students  
Guide de l'enseignant pour inscrire les  
étudiants**

**Laurentian University: Fraser Auditorium  
Université Laurentienne: Auditorium Fraser**

**April 4 avril, April 5 avril – 2020**

**Contact/Personne contacte: Mr. Chris Polischuk  
Email: [poliscc@sudburycatholicschools.ca](mailto:poliscc@sudburycatholicschools.ca)  
Fax/Télécopieur: 705-566-9603**



**Youth Science Canada  
Sciences jeunesse Canada**



Please read carefully – Veuillez lire attentivement  
**Safety Guidance for the Science Fair**  
**Guide de sécurité pour l'expo-sciences**

Here are important safety rules during the science fair day. A complete and detailed outline of the rules and regulations can be found in the registration document. If you have any questions, please contact the Sudbury Regional Science Fair.

Voici des règlements de sécurité importants pour la **journée de l'expo-sciences**. Une liste complète et détaillée est incluse dans le document d'inscription. Si vous avez des questions, veuillez contacter l'Expo-Sciences régionale de Sudbury.

**Yes**



Students are encouraged to have picture and videos of their project to showcase an experiment



Display your poster and any equipment or instruments in **your allocated space only**

**Oui**



Les étudiants sont encouragés à démontrer des photos et vidéos de leur projet et de l'expérience



Démontrez votre projet, équipements et instruments dans  **votre espace désigné seulement**

**No**



No demonstrations or live experiments are allowed



No utilisation of instruments or operation of equipment is allowed

**Non**



Les démonstrations et les expériences ne sont pas permises



L'utilisation d'instruments ou l'opération d'équipements ne sont pas permises

The safety check coordinator will make any final decisions on questionable matters.

Le coordinateur de sécurité a l'autorité sur les décisions finales.

Memorandum to: **Sudbury Regional Science Fair Contacts (Teachers)**  
From: Mr. Chris Polischuk, Chairperson, SRSF Registration  
Date: January 2020  
Re: **Registration Package**



1. The 51st Sudbury Regional Science Fair (SRSF) will be held on April 4<sup>th</sup> and April 5<sup>th</sup>, 2020 at **Laurentian University**. The deadline for registration of projects is **Tuesday, March 24, 2020**. Again this year, registration will be done online. Please refer to the attached memorandum concerning online registration and assist your students in this process.
2. A finalist (SRSF Participant) must be under 21 years of age and registered in grades 7-12. Students registered in grade 6 (or lower) who are in a split grade are NOT eligible for the SRSF. Reference: Youth Science Canada, Policy 3.1.2.1 - CWSF Participation ([www.youthscience.ca](http://www.youthscience.ca)).
3. **ATTENTION: Projects Involving Humans and/or Animals.** The Canada Wide Science Fair has very clear policies on the use of humans and animals in science fair projects. BEFORE any student embarks on a project involving humans and/or animals, they must visit the Youth Science Canada website and read the policies under the ethics section that pertain to their proposed project. No project will be eligible to advance to the Canada Wide Science Fair unless all of the requirements of these policies are met. ([www.youthscience.ca/node/835](http://www.youthscience.ca/node/835)). If you have questions concerning the ethics policies, please do not hesitate to contact Chris Polischuk at [poliscc@sudburycatholicschools.ca](mailto:poliscc@sudburycatholicschools.ca)
4. Project materials are for display purposes ONLY. No project materials are to be consumed, applied to skin, or otherwise demonstrated through contact to humans including participants, judges, or visitors during the science fair.
5. Electronic copies of important documentation, including information found in this package, are available on the Sudbury Regional Science Fair website. We recommend that students be directed to this website for required, and up-to-date, information. [www.srsf.ca](http://www.srsf.ca)
6. All registration information and questions should be forwarded to:  
Mr. Chris Polischuk, Chairperson, SRSF Registration  
Fax 705-566-9603  
Email: [poliscc@sudburycatholicschools.ca](mailto:poliscc@sudburycatholicschools.ca)  
Mail: Chris Polischuk  
c/o St. Charles College  
1940 Hawthorne, Sudbury, ON, P3A 1M8
7. **Conflicts with Other Events:** Although we would like to accommodate every exhibitor, more than 500 judging assignments must be completed on Saturday. As a result, judges must follow a precise schedule for judging the exhibits. Unfortunately, this means that students not present when a judge is scheduled to visit their exhibit will not be judged, or eligible, for that particular award. Participants required to be absent from the exhibition hall on Saturday can indicate prior to the close of registration the specific times they are unavailable for judging and the judging committee will make every effort to accommodate these participants. Notification must be emailed to Mr. Chris Polischuk by March 24<sup>th</sup>, 2020.
8. **Safety Checklist:** Please refer to the Project Safety Checklist in this package and ensure that projects conform to these expectations. They are consistent with the Canada Wide Science Fair guidelines.
9. **Very Important: Confirmation of Participants.** Science contacts are requested to forward a list of all participants selected to participate in the Regional Fair to Mr. Polischuk as soon as possible. This list will be cross-referenced with participants registered online to ensure that only those projects actually selected are registered. Please note that the **Participant Registration Password is confidential and must only be given to SRSF participants.**
10. Project Allotments (elementary):

|  |    |
|--|----|
| Rainbow Schools  | 32 |
| Conseil Scolaire du district du Grand Nord de l'Ontario                      | 4  |
| Sudbury Catholic Schools   | 18 |
| Conseil Scolaire Catholique du Nouvel-Ontario                                | 8  |
| Independent (Private schools, home-schooled, non-participating school board) | 4  |

(Teachers of secondary school participants are asked to contact Mr. Polischuk)

Memorandum to: Sudbury Regional Science Fair - **Contacts and Teachers**

From: Mr. Chris Polischuk, Chairperson, SRSF Registration

Date: January 2020

Re: **Online Registration Procedures**



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SRSF Registration website: <https://secure.youthscience.ca/sfiab/sudbury>

Sudbury Regional Science Fair Website: [www.srsf.ca](http://www.srsf.ca)

1. When students have been selected to enter the Sudbury Regional Science Fair, they must register online on the Registration Website. Students will need a valid email address and the **Registration Password**. Once the student enters their email address, the system will ask for the student to enter the **Registration Password**. The system will then automatically send an email to the student containing a Registration Number. The student's Registration Number then becomes their personal access code to completing and editing their online registration. Please note that emails sent by the system may show up in folders other than Inbox (e.g. bulk, spam, junk, etc...).

**Participant Registration Password** (Confidential: Only to be given to SRSF participants):

2. The remainder of the work is up to the students. However, please review the procedures for the students in the Participant Registration Package and help them wherever possible, including reminding them of deadlines and to nominate themselves for Special Awards.
3. Science teachers and contacts are asked to ensure that students register their projects in the correct / most appropriate division. The divisions for the Sudbury Regional Science Fair are: Life Sciences, Physical Sciences, Engineering, and Computer Sciences. In order to ensure projects are registered properly, the Sudbury Regional Science Fair Committee reserves the right to change the division of projects entered in the fair. Every effort will be made to notify participants in a timely manner. A description of divisions has been included in this year's Participant Registration Package.
4. In addition, science teachers and contacts are asked to ensure that **students understand and properly complete the safety checklist** on the registration system. Project displays must conform to specific expectations; otherwise, they will not be permitted in the exhibit hall.
5. If there are potential ethical issues, please contact Chris Polischuk at [poliscc@sudburycatholicschools.ca](mailto:poliscc@sudburycatholicschools.ca)

Memorandum to: Sudbury Regional Science Fair - **Teachers and Participants**

From: Mr. Chris Polischuk, Chairperson, SRSF Registration

Re: **Project Safety Checklist**

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**Please note that if your project involves, in any way, humans or animals as subjects of study, your project must conform to Youth Sciences Canada's ethics policies in order to be eligible to advance to the Canada Wide Science Fair. Projects that do not meet these requirements will not be eligible to advance to the Canada Wide Science Fair, regardless of any awards received at the Sudbury Regional Science Fair. The specific policy documents to consider are 4.1.1.1, 4.1.1.2, and 4.1.2. These documents can be found on the following website: <http://www.youthscience.ca/policy-directory>. If you have questions concerning the ethics policies, please do not hesitate to contact Chris Polischuk at [poliscc@sudburycatholicschools.ca](mailto:poliscc@sudburycatholicschools.ca)**

**Project materials are for display purposes ONLY. No project materials are to be consumed, applied to skin, or otherwise demonstrated through contact to humans including participants, judges, or visitors during the science fair. *Wherever possible, simulate or photograph materials.***

### **Project Safety Checklist**

Registering Participants will be required to complete this checklist online in order to finish the registration process.

#### **Human Experimentation**

1. Does your project involve human subjects? If so, you must provide additional information if you wish to be eligible for the Canada Wide Science Fair. See the procedures outlined in Policy Documents 4.1.1.1, 4.1.1.2, and 4.1.2. on the website: <http://www.youthscience.ca/policy-directory>

#### **Animal Experimentation**

Unless your project involves observing animals in their natural habitat, you must provide additional information if you wish to be eligible for the Canada Wide Science Fair. See the procedures outlined in Policy Documents 4.1.2.2 on the website: <http://www.youthscience.ca/policy-directory>. You must also complete the required information on the Signature Page.

2. Does your project involve the use or study of live animals?
3. Were any procedures which could harm or distress the animals used?

#### **Hazardous Materials.**

The use of hazardous materials including firearms, volatile and explosive materials, boilers and pressure vessels, flammable or poisonous chemicals, radio isotopes, pressurized containers, pesticides, prescription drugs or over-the-counter medications must be supervised by a qualified adult. See the procedures outlined in Policy Documents 4.2.1 on the website:

<http://www.youthscience.ca/policy-directory>

4. Does your project involve the use of hazardous materials? If yes, you must also complete the required information on the Signature Page.

#### **BioHazards**

You cannot use biological toxins, cultures, cell or tissue samples, recombinant DNA molecules, synthetic nucleic acid molecules, or animal viruses, unless under the supervision of a qualified researcher in a research institution or hospital. See the procedures outlined in Policy Documents 4.2.2 on the website:

<http://www.youthscience.ca/policy-directory>.

5. Have you used biohazards? If yes, you must also complete the required information on the Signature Page.

#### **Displays at the Regional Science Fair**

6. Did more than two people work on the project?
7. Does the exhibit conform to the rules on maximum size (no more than 3.5m high, 1.2m side to side or 0.8m front to back)?
8. Is the exhibit self-standing and stable?
9. Are live animals being displayed?
10. Are any animal parts being displayed?
11. Are any open flames, torches, or heating devices being used in your display?

12. Are any pressurized containers used in your display?
13. Are any flammable or poisonous chemical (solid, liquid, gas) or drugs being displayed?
14. Are any radioisotopes being displayed?
15. Are any firearms used in your display?
16. Are any live plants or plant tissues being displayed?
17. Are soils containing organic materials being displayed?
18. Are decomposable organic materials being displayed?
19. Are microbiological organisms in your display?
20. Are cultures present or being displayed?
21. Are any biological toxins present or being displayed?

Note: The display of hazardous materials in questions 9 – 21 is not allowed. If you answered Yes to any of questions 9 – 21, you can simulate their use with non-hazardous materials or show what you did on a video.

### **Electrical and Mechanical Hazards**

22. Are all hazardous moving parts protected?
23. Are all electrical power cords CSA approved and grounded?
24. Is an insulating grommet used where service enters an enclosure(s)?
25. Are all non-current carrying parts connected to the ground lead?
26. Are all voltages generated less than 10kV?
27. Are all exposed live parts at a potential of less than 36 V to ground and all currents low so as not to pose any danger if touched?
28. Have any X-ray, laser, or other high-energy radiation sources that you are displaying been registered and approved by provincial authorities? (Important, these devices cannot be operated during public display).

Please note that your project must conform to the Youth Science Canada Policies in order to advance to the Canada Wide Science Fair. Projects that do not meet the above requirements will not be able to advance to the Canada Wide Science Fair regardless of any awards received at the Sudbury Regional Science Fair.