Sudbury Regional Science Fair

2022

Expo-sciences régionale de Sudbury

www.srsf.ca

Participant Registration Package
Guide d'inscription du participant

Registration Deadline: March 16, 2022

Contact/Personne contact: Mr. Chris Polischuk
Email: poliscc@sudburycatholicschools.ca
Fax/Télécopieur: 705-566-9603

CWSF ESPC
Canada-Wide Science Fair / Expo-sciences pancanadienne

Youth Science Canada
Sciences jeunesse Canada

Memorandum to: Sudbury Regional Science Fair - **Participants**
From: Mr. Chris Polischuk, Chairperson, SRSF Registration
Date: February 2022
Re: **Online Registration Procedures**

Participants (Note: participants must be under age 21 and registered in grade 7 to 12 at their school)
These instructions are for Science Fair Participants. Participants are responsible for registering their project for the science fair using the online registration system. If you have difficulty, please contact Mr. Polischuk immediately.

Please pay close attention to the following instructions, and in particular, to the timelines and deadlines for registration. All sections of the online registration profile must be completed in order to register your project.

If you need assistance, email Chris Polischuk at poliscc@sudburycatholicschools.ca

Websites
Registration website: https://mystemspace.ca/
Sudbury Regional Science Fair Website: www.srsf.ca

Instructions (**For projects with TWO students, BOTH students must create their own account****)**

CREATE AN ACCOUNT IN THE "PORTAL"

1. Go to mystemspace.ca
2. Click "I have a project"
3. Under Create an Account, enter the SAME email address you used to create your project on ProjectBoard. If you don't, you won't be able to link your project to the Registration Portal.
4. Go to your email for the login link (email comes from Youth Sciences Canada)
5. Click on "Set Initial Password"
6. Complete the required info to create your Registration Portal account.
7. Be sure to select the correct region: Sudbury

ONCE IN YOUR PORTAL ACCOUNT

8. Note: if you get a red box that says "Your request cannot be completed right now", it is probably because there is missing info, or it was not entered in an expected format. Please review that page and try again. **ALSO**, if you do not enter info for a long period of time, it may appear you are still logged in, but arent't. Try saving something before entering a lot of information.
9. Complete all required information under the Sudbury 2022 > Registration sidebar title
10. Under "Your Project > ProjectBoard, your project, and any other projects you've created in that account, should be listed. Select the project you are entering into the Regional Fair. (****If you do not see your project, go to ProjectBoard and make sure your project is Public – see top section of project).
11. Note: for two-person projects, both must be "owners" of the project.
12. Complete all required information under the User Profile sidebar title (Note about Postal code – the space between the first 3 digits and last 3 digits must be typed it.

13. **SPECIAL AWARDS: Special Awards are awards that YOU choose to be judged for. Pick a MAXIMUM of FIVE (5). Please be sure that your project meets the criteria for each special award selected.**
14. Once all sections are complete, you must print the signature page, obtain the required signatures, and scan/upload **OR** email **OR** mail/fax the signature form to: Mr. Polischuk, Chairperson, SRSF Registration
    c/o St. Charles College
    1940 Hawthorne, Sudbury, ON, P3A 1M8
    FAX: 705-566-9603

Selecting Project Division: Please refer to the attached division descriptions to ensure your project is 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.

******Timelines and Deadlines*******

Registration system opens	**March 8th, 2022**
Registration system closes	**March 16th, 2022**

Memorandum to: Sudbury Regional Science Fair - **Participants**
From: Mr. Chris Polischuk, Chairperson, SRSF Registration
Date: January 2022
Re: **Rules and Schedule for Science Fair Weekend**

Important Rules to Consider **(Keep this sheet for future reference)**

Please consult the following websites for further details: Youth Science Canada - www.youthscience.ca/
Canada Wide Science Fair – http://cwsf.youthscience.ca/welcome-cwsf

1. Participants must be under age 21 and registered in grade 7 to 12 at their school.
2. **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.**
3. DIVISION - The Judge-in-Chief, in consultation with the Registration Chairperson, reserves the right to change a project's division. (SRSF Divisions: Life Sciences, Physical Sciences, Engineering, and Computer Sciences). Refer to the Description of Science Fair Divisions memo in this package for descriptions.
4. Prizes will only be awarded to high quality exhibits. Therefore, a prize may not be given in a category.

Memorandum to: Sudbury Regional Science Fair - **Participants**
From: Mr. Chris Polischuk, Chairperson, SRSF Registration
Re: **Description of Science Fair Divisions**

The following descriptions of science fair divisions are adapted from the Youth Sciences Foundation website which are used in the administration of the Canada Wide Science Fair. Please refer to the YSF website for further information (http://www.youthscience.ca/).

SRSF DIVISION: Life Science
a) A life science project examines some aspect of the life or lifestyle of a non-human organism.
Life science projects include botany and zoology, as well as psychology and kinesiology of non-human organisms. Examining plant growth or animal behaviour are examples of life science. Some phenomena, such as digestion, involve both life science and physical science. The selection of division will spend on whether the young scientist's intent was to study the chemistry of the process, or the role of the process in the life of the animal (eating, production of enzymes, handling of wastes, etc.)

b) A health sciences project examines some biomedical and/or clinical aspect of human life or lifestyle and its translation into improved health for humans, or more effective health services and products. Projects related to the health of specific populations, societal and cultural dimensions of health, and environmental influences on health are also included in this division.
Health sciences projects include those related to human aging, genetics, cancer research, musculoskeletal health, arthritis, circulatory and respiratory health, nutrition, neurosciences, mental health, psychology, metabolism, human development, infection and immunology.
Projects involving animal research that have a direct application to humans are included in this division.

SRSF DIVISION: Physical Sciences
A physical and mathematical sciences project studies abiotic phenomenon to understand the relation between identified factors, perhaps including a cause and effect relationship, or the use of mathematical models or mathematics to solve theoretical problems.
Physical science projects include fields such as physics, and chemistry and astronomy. Comparison testing of products is included in this division.
Mathematical science projects seek to demonstrate applications of mathematics (i.e. the search for a mathematical model) or to solve a theoretical problem. For example, in attempting to predict the shape of cacti, the use of mathematics would be central to the project. The problem provides a context for the exploration of pattern and the search for a mathematical model. Some areas of investigation in this category include algorithms, operational research (applications of mathematical and computing science to solve planning or operational problems), and statistics.

SRSF DIVISION: Engineering
An engineering project applies physical knowledge to solve a problem or achieve a purpose. A complete engineering project will include an outline of the need, the development of the innovation and some work on introducing the innovation to the community; however, many engineering projects focus on just the development phase.
Engineering projects normally focus on a new process, or a new product. A study of Bernoulli's principle would be Physical Science, while the application of such a principle to improved aerodynamics and wing design would be engineering.

SRSF DIVISION: Computer Sciences
Computing and information technology projects concentrate primarily on the development of computing hardware, software or applications, including programming languages and algorithms, software design and databases as well as the storage, transmission and manipulation of information.
Projects using computers to store and analyze data are normally entered in the division suggested by the focus of the experiment or study. However, if the project's focus is primarily on the application of computing to the problem and the data are of secondary significance, the project should be entered in this division.