

Kiwanis Regional Science Fair Committee

c/o Medicine Hat High School, 200 7th Street S. W.
Medicine Hat, Alberta, T1A 4K1

Dear Teachers and Parents,

Welcome to another exciting year of Science Fair!

I am sure that many of you have been working with your students to finish up the projects and are now wondering the next step. Registration is now open and we are inviting all schools in southeastern Alberta to register for the Kiwanis Regional Science Fair. The Science Fair will be held at **Medicine Hat College** on **March 27, 2010**. Registration will be similar to the process that was implemented last year.

Registration:

An online registration system will be used for the Kiwanis Regional Science Fair. The registration website can be found at: <https://secure.yfsfsj.ca/sfiab/kiwanissoutheastalberta/>. The link can also be accessed through the Youth Science Foundation website at www.ysf.ca and click on "find your fair".

Online registration will close at midnight on **Monday, March 15, 2010**. Please ensure that your students have registered for the fair by then, as **we will be unable to accept late registrations**. If you would like to check and see what students from your school have registered for the fair before registration closes, please feel free to contact Patty Rooks, at Praxis with any questions.

The process is quite straight forward:

1. To begin the registration process click on the participant registration link on the left hand side of the web page. Note: A valid email address needs to be entered for each entry. This is important as you will be emailed a registration number, please retain this number for future reference.
2. Once you enter the registration number you will be taken to the registration page. This page contains various mandatory fields that will be required to be filled in.
 - a. Student information needs to be filled in first, and then students can access the emergency contact, and project information areas.
 - b. Note: there are five important areas: Student Information, Emergency Contact Information, Project Information, Safety Information, and Double check name.
 - c. You will know when the areas are complete as on the right hand

side of the screen, you will see the red incomplete turn to a green complete.

3. **No incomplete registrations will be accepted**, so please ensure that all areas are completed.
4. Once all the areas are completed students must print off the signature page and have their parents sign it. This form will be required on the day of the Science Fair. Please bring the completed form to the **Regional Science Fair on Saturday March 27, 2010** at **Medicine Hat College**.

Registration does not need to be completed all at once. Simply save the information filled in and you can go back and finish at a later date. Ensure you keep your e-mail and registration number to allow for access back into your record.

Students working in pairs only need to complete one registration, at the top of the student information page it asks how many students have worked on the project, please fill this in accordingly.

Category Selection:

To better assist you when selecting which category to register in, a list and brief description is enclosed below. Please select the most appropriate one.

Computer Sciences: Projects should deal with some fact of computer technology – hardware or software. For Example: *The project might consist of designing and developing a software system, designing and building a circuit to enable a computer monitor or control an external device, or investigate the performance of different mathematical models.*

Engineering Sciences: Projects involve the design and/or physical construction of some device, appliance, machine or process that has an application. For Example: *The student might develop a process for the extraction of oil from tar sand or design a device for capturing solar energy.*

Life Sciences: Projects should involve biology, zoology, botany or aspects of pure or applied medicine. A life science project attends to some aspect of the life of an organism. For Example: *The student might investigate the effect of acid precipitation on tomato plants.*

Physical Sciences: This project should be related to chemistry, physics or mathematics. Its primary objective is a consideration of the cause and effect of some abiotic (non-living) process or activity. For Example: *The investigation could consist of the examination of precipitation from varying weather patterns.*

Biotechnology: This project applies the knowledge of biological systems to solve a problem, create a product, or provide a service. A project of this nature

falls into one of the following three fields: crop development, animal science or microbials. For Example: *A project in this area might investigate problems of herbicide tolerance, spacing, cultivation, or irrigation in agriculture production.*

Canada Wide Science Fair:

We will be using the same format as last year to select the projects that will go to the Canada Wide Science Fair in Peterborough, ON in May. A selection committee will select up to 10 projects that they feel will be strong competitors at the National Science Fair; these may not necessarily be the projects that win the Regional Fair. The selected students will receive a letter informing them that they have been selected as a possible project to go to the National Fair. The letter explains what is expected of students who go to Nationals and has a few questions for the students to answer and submit in to be further looked at by the committee, the committee will then make its decision and those projects will go to the CWSF.

If you have any questions please don't hesitate to contact Patty Rooks, Acting Executive Director, Praxis at 403-527-5365 or praxis@praxismh.ca

We hope you have a very successful Science Fair and we look forward to seeing your students at the **Kiwanis Regional Science Fair on Saturday March 27, 2010 at Medicine Hat College**

Sincerely,

Kiwanis Regional Science Fair Organizing Committee