

Indus School Science Fair

On **February 13, 2020 at 9:00 in the morning**, Indus School will be holding it's 14th annual Science Fair for students in Grades 5-9! The top entries having the opportunity to go on to the *Calgary Youth Science Fair* (CYSF) on April 16-18 at the Olympic Oval. Students must follow the rules and procedures of the CYSF. Attached are numerous documents from the www.cysf.org. This year, while completing a Science Fair project will be still be required for all Grade 5 students, it will be optional for students in Grades 6 through 9. Students in those grades who wish to complete projects should see Mr. Tomlinson or Mr. Wyper.

Timeline

November - January: The Work Begins!

- Before anything else, start a LOGBOOK - in it you should store notes on everything you do, track results
- Start by selecting a topic in which you are interested
- Conduct some basic research to determine what is already known about the topic; determine into which [topic/category](#) it falls
- Decide if you want to conduct an [experiment](#) or complete a [research](#) project
- Complete the [Safety Check-in List](#) (and keep it in your logbook)
- If you want to use people in your experiment, review Use of Humans (policy 20)
- Complete and submit [Ethics And Due Care Form](#) if living creatures (including humans) are to be used in the experiment prior to starting your experiment
- Complete and submit [Significant Risk Approval Form 2B](#) if humans are to be used in the experiment prior to starting your experiment
- Students start recording everything they do related to the project in their [Logbook](#)
- Students familiarize themselves with [Entry Rules](#) and [Safety Regulations](#)
- Students familiarize themselves with [Guidelines for Use of Human Subjects and Animals](#)
- [Informed Consent Forms](#) are completed by any participants in the experiment
- **Experiments are completed at home**
- [Trifold backboards](#) are supplied by the school and usually completed at school

January: Self Evaluation

- Read and follow the [tips sheet](#) and information on the [oral presentation](#) of your project
- Students use the judges tally sheets ([experimental](#), [research](#)) to assess their own work and identify strengths and weaknesses in their projects, then fix those weaknesses.

February 13: ***Indus school Science Fair*** – 9:00-11:30

- Up to four projects in Grades 5 and 6 and another four in Grades 7 through 9 are registered for the Calgary Youth Science Fair.
- Those students use this time to improve their projects prior to the Calgary science fair

April 16-18: ***Calgary Youth Science Fair*** (see <http://CYSF.org> for more details)