

## Founding Member of



Alberta Science Literacy Association  
[www.asla.ca](http://www.asla.ca)

### Associated Networks:

Calgary Science Network  
[www.calgarysciencenetwork.ca](http://www.calgarysciencenetwork.ca)

Central Alberta Science Network  
[www.casciencenet.ca](http://www.casciencenet.ca)

Edmonton Science Outreach Network  
[www.sciencehotline.ca](http://www.sciencehotline.ca)

Grande Prairie & Area Environmental  
Sciences Education Society  
[www.gpforesteducation.org](http://www.gpforesteducation.org)

Lethbridge Southern Alberta  
Technology Council  
[satc@asla.ca](mailto:satc@asla.ca)

### Praxis supports the educational community through:

Medicine Hat School  
District No. 76

Medicine Hat Catholic  
Board of Education Division No. 20

Prairie Rose Regional  
Division No. 8

And other SE Alberta Educational  
Services



## The Science and Technology Hotline



*The vital link between the educational and science community in South East Alberta*



## Background

The **\*Praxis Society** is a not for profit group that promotes science in South Eastern Alberta. Since its inception in 1992, Praxis' vision has remained the same: To provide positive science experiences to the residents of south eastern Alberta through the provision of access to science and technology resources.

Praxis has developed and delivered innovative science programs by keeping strong connections to our volunteers, the education, business, technology and science communities and by engaging the general public in the excitement of the STEM subjects: Science, Technology, Engineering and Mathematics.

Praxis saw a growing need for science programming province wide and partnered with other non-profit science outreach groups to found the Alberta Science Literacy Association (ASLA). ASLA is the umbrella organization responsible for 6 local networks in Calgary, Edmonton, Grand Prairie, Lethbridge, Medicine Hat and Red Deer. While each network may provide differing services, one thing remains the same, the commitment to promoting an active life-long interest in science, technology and nature. If you are interested in volunteering with Praxis or ASLA, please contact us. (**\*Praxis** is the process by which a theory, lesson, or skill is enacted, practiced, embodied, or realized.)

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Facebook & Twitter: [PraxisMedHat](#)

# Some of our more popular services:



Praxis is south east Alberta's vital link to the scientific and educational communities in the **STEM** fields of Science, Technology, Engineering and Mathematics.

The best feature of the Science and Technology Hotline is that many of the programs offered are **FREE** of charge.



## Scientist and Engineer in the Classroom or Site Tours

Praxis has a resource of scientists and engineers that are excited to come into the classroom and help connect the lessons to the "real" world. Through this interaction, many students are better able to see how science applies to many aspects of their lives. All are volunteers and enjoy sharing their knowledge.

If you are interested in volunteering with Praxis, please contact us.

403-526-5365

[praxis@praxismh.ca](mailto:praxis@praxismh.ca) [www.praxismh.ca](http://www.praxismh.ca)

## Learning Kits

Praxis offers many curriculum based hands-on educational resource kits to meet almost any teacher's STEM needs. The kits can be borrowed from Praxis for two week free of charge. These kits are also available to other community groups. For a complete list of kits and models, visit our website at [www.praxismh.ca](http://www.praxismh.ca).



## Community Events:



**Operation Minerva** - Since its inception, Praxis has been a proud supporter of the Operation Minerva project. Every year female grade 9 students from South East Alberta have the opportunity to participate in a day long science career discovery conference. The girls participate in job shadowing, as well as hands-on demonstrations in order to promote science and engineering careers as a viable option for young females.



**Operation Thoth** - Many successful years of Operation Minerva prompted Praxis to offer a similar experience for young men. We use Operation Thoth as a means of exposing grade 9 males to the STEM related careers in Medicine Hat and area. This very successful day long conference occurs thanks to the support of Medicine Hat College.



## Family Science Olympics



Praxis organizes the local annual Family Science Olympics during Canada's Science and Technology Week. The event is designed for families to participate in hands-on science learning. It is hoped that families will learn about the wonders of science and that science surrounds all of us. As active supporters APEGGA and SEAWA join us for the day, enhancing our fun-filled event. Look for more information every year at the beginning of October.



## MHC Summer Camps

Praxis and the Medicine Hat College partner to provide educational and fun half day science camps every summer. Camps are hosted for children ages 5-12 and run throughout the summer. Our summer camps cover a wide variety of interests from dinosaurs to robots to cosmetic chemistry. Registration is yearly in the spring.

## Kiwanis South East Alberta Regional Science Fair



Praxis has had a long history with our local Science Fair. The committee that runs the fair is a sub-committee of Praxis. We provide many supports to teachers and students including information sessions on how to build a science fair project as well as assisting in finding judges for the local school fairs. The event is held each year in late March. We help cover the costs of sending the regional student winners to the Nationals.