



Professional  
**Growth**  
Opportunities

## Comprehension Strategies in Senior Science

**February 25, 2016**  
**Facilitators: Terry Johanson and Scott Stephens**

 **Based on McDowell Foundation Research**

Senior science classes require students to take in large volumes of information from texts, media and their surroundings, as well as make sense of complex scientific ideas. Comprehension strategies have long been considered to be the domain of the English language arts teacher. In fact, comprehension strategies are useful to help science students:

- Activate their prior knowledge.
- Make connections to new ideas.
- Summarize and synthesize large quantities of complex content.
- Make predictions.
- Visualize scientific phenomenon.
- Monitor their comprehension of scientific ideas.
- Develop and ask questions.

This workshop will give hands-on and interactive teaching ideas that can be applied across the new senior science curricula.

Participants will:

- Experience a number of practical teaching strategies that help students make sense of complex scientific concepts.
- Explore hands-on and interactive learning activities founded in the new senior science curricula.
- Plan for implementing comprehension strategies within senior science courses.

## Taking Environmental Science Out of the Classroom

**March 17, 2016**  
**Facilitators: Darin Faubert and Margaret Pillay**

Environmental Science 20 is a course that creates an opportunity for students to study the environment first hand. This session will provide supports for teachers who want to get their students out of the classroom for hands-on experiences beyond the walls of their school.

Participants will:

- Analyze the curriculum for opportunities for outdoor learning.
- Investigate locations and instructional activities that connect to the Environmental Science 20 curriculum.
- Consider the logistics and management of hands-on experiences.
- Design appropriate assessments for outdoor education.

### Registration:

- \$105 prior to 10 business days before event; \$145 within two to 10 business days before event.
- Contact Terry Johanson, Director of SPDU by:
  - Phone 1-306-373-1660
  - Email [johansont@stf.sk.ca](mailto:johansont@stf.sk.ca)

Register online at  
[www.stf.sk.ca](http://www.stf.sk.ca)

