

Professional  
**Growth**  
OPPORTUNITIES

# Science

## Comprehension Strategies in Senior Science

Grades 10-12

November 3, 2016 – Saskatchewan Teachers' Federation, Saskatoon

Facilitators: Terry Johanson and Linda Aspen-Baxter

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Science is filled with large volumes of data and information, as well as complex scientific concepts. Founded on the McDowell research project Exploring Comprehension in Physics, this workshop will show participants how to teach comprehension strategies to students in order to help them make sense of senior science.

## More Than a Science Project – Inquiry in Senior Science New

Grades 9-12

November 23, 2016 – Saskatchewan Teachers' Federation, Saskatoon

Facilitators: Terry Johanson, Rob Kraft and Scott Stephens

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Extend student learning beyond what we can directly teach them. We want our students to experience being scientists and doing science, crawling up Bloom's taxonomy rather than simply learning about science, but how do we get them there? This workshop will explore efficient and effective processes to move towards inquiry within student-directed learning and beyond.

## Science 10 - Help Me! New

Grade 10

January 9, 2017 – Saskatchewan Teachers' Federation, Saskatoon

Facilitators: Lindsay Shaw and Brent Larwood

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As teachers, we want to give students the best opportunity to truly experience each curricular area in Science 10. Participants will have the opportunity to experience and build their expertise in each of the three major units of study (forces and motion; chemical reactions; and climate change and ecosystem dynamics). This day will focus on hands-on learning, making sense of curriculum as well as differentiating instruction.

## Planning for Instruction and Assessment in Senior Science

Grades 10-12

February 15, 2017 – Saskatchewan Teachers' Federation, Saskatoon

Facilitators: Camille Hounjet, Rob Kraft and Jeff Greenslade

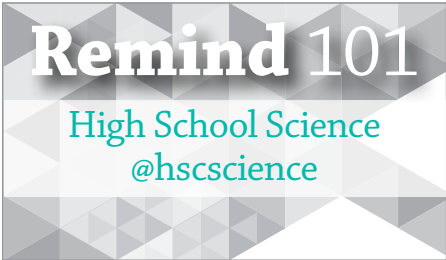
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Work together with colleagues to construct a unit of study that includes engaging activities and assessment based on outcomes in the new science curricula from grades 10 to 12. This workshop will provide participants with resources and time to collaborate and learn with and from their peers.

Over >



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



**Enhancing Student Engagement and Wonder in Senior Science**

Grades 9-12

New

April 5, 2017 – Saskatchewan Teachers’ Federation, Saskatoon  
Facilitators: Camille Hounjet, Darin Faubert and Jeff Greenslade

Explore methods of engagement and instruction and learn tools and tricks for engaging learners in senior science. Support student voice and choice and empower students to produce meaningful outcome-based evidence of their learning.

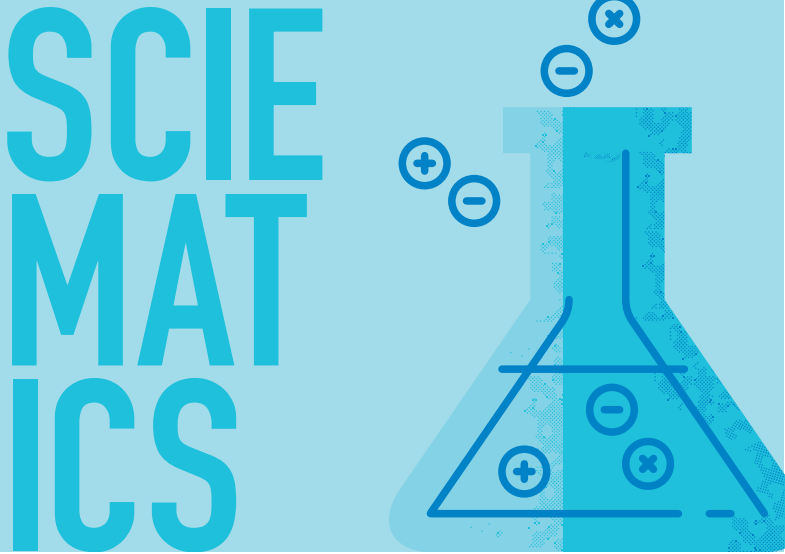
**Cultural Perspectives in Senior Science**

New

Grades 9-12

April 6, 2017 – Saskatchewan Teachers’ Federation, Saskatoon  
Facilitators: Terry Johanson and Tina Rioux

Extend your understanding of cultural perspectives in science by exploring different knowledge systems. This session provides an opportunity to gather practical strategies for developing scientifically literate students who appreciate world views and belief systems fundamental to science and Indigenous knowledge.



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**FEATURED SPEAKERS**  
Kenneth R. Miller and Dr. Ivar Mendez

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