

Planning for Optional Implementation of the New Grade 5 Science Curriculum

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| Facilitator(s): | Ted Zarowny, Chris Zarski |
| Date(s): | <i>This is a multi-day event.</i> <ul style="list-style-type: none"> • Day 1: Apr 11, 2023 (3:45 pm to 5:00 pm) • Day 2: May 09, 2023 (3:45 pm to 5:00 pm) • Day 3: Jun 01, 2023 (3:45 pm to 5:00 pm) • Day 4: Jun 19, 2023 (3:45 pm to 5:00 pm) • Day 5: Oct 18, 2023 (3:45 pm to 5:00 pm) • Day 6: Nov 28, 2023 (3:45 pm to 5:00 pm) • Day 7: Feb 06, 2024 (3:45 pm to 5:00 pm) |
| Cost: | |
| Location: | Virtual |
| Session Code: | 23-NC-611 |

Target Audience

Grade 5 Science Teachers

About this Learning Opportunity

Come and join us in the journey of unpacking and learning the Organizing Ideas that form your new Grade 5 Science Program. The sessions will begin with an Introductory video outlining the key documents you will need as well as an explanation of how each of the sessions will be designed inclusive of concepts, computer science, scientific method, assessment and sample unit designs and resources.

The Introductory video will be the same for all grades and **must be previewed before your grade's Session 2 begins**. Embedded in the Introductory video will be a mini presentation on Computer Science addressing definitions, a quick curriculum tour and a fail safe method that reveals how you may already be teaching computational thinking? You will further explore the Computing Science concepts through a second video titled "Wait! What? I Have to Teach Computer Science?" to watch to assist in understanding how Computer Science will be integrated into the units.

[Session 1 - Introductory Video and "WaitWait! What? I Have to Teach Computer Science?"](#) (Available to begin viewing April 11 - asynchronous)

[Session 2 - Living Systems](#) May 9, 2023

[Drop In Session - "I Have a Question About Computer Science"](#) with Janet Bell - June 1, 2023

[Session 3 - Matter](#) June 19, 2023

About the Facilitator(s)

Ted Zarowny

Ted began his career in education as a Social Studies and English Language Arts teacher at the Junior High and High School levels. After teaching in a variety of communities in Saskatchewan and British Columbia, Ted moved to Alberta where held the position of principal at a school focused on gifted education.

Ted's educational journey has ignited his passion in the area of instructional pedagogy including learning for transfer, conceptual learning and the instruction of thinking skills. Trained in Control Theory and Restitution-Self Discipline (a restorative justice approach), Ted has extensive experience with approaches and techniques that address the social/emotional needs of students. Ted is excited to share his skillset with others to help them refine practices and mindsets that enrich the learning experiences of students.

Areas of Expertise include:

Effective Instructional Approaches
Learning for Transfer & Conceptual Learning

Chris Zarski

Chris Zarski has been an educator for over 40 years, and has served as a teacher, principal, supervisor and director and

Session 4 - **Earth Systems** October 18, 2023

Session 5 - **Energy** November 28, 2023

Session 6 - **Space** February 6, 2024

Session 7 - **Full Day Year End/Summatives Assessment
Design Part 1** – February 27, 2024

Session 8 - **Full Day Year End/Summatives Assessment
Design Part 2** – April 9, 2024

NOTE: The Optional Implementation version of the Planning Sessions will vary from the Pilot sessions to reflect the March 2023 changes made in the Science Curriculum.

Examiner for Alberta Education. Currently is serving as a Curriculum Implementation Consultant with CARC on secondment from her role as the Director of Instruction and Staff Development for STAR Catholic Schools. Chris has led numerous district wide initiatives, provided over 600 professional learning sessions, and co-authored/consulted on 18 mathematics resources. She is actively involved with the pedagogy of deeper learning, authentic assessment designs enhancing curriculum delivery and the integration of FNMI resources into all curriculums. Chris loves to learn and believes that all students have the ability to learn at high levels. She also believes that teachers have the best profession ever – enlightening new minds and sparking interest in learning!

This learning opportunity is being subsidized through funding from Alberta Education.