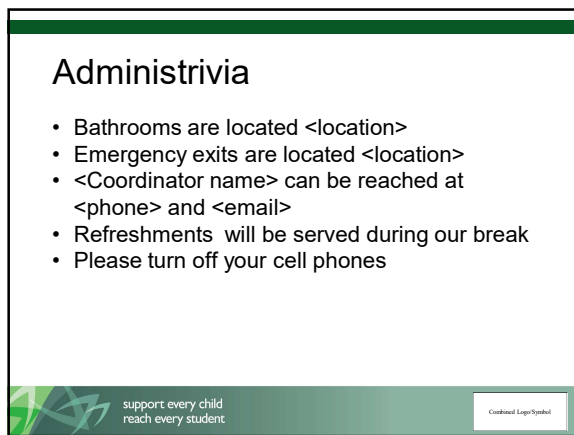
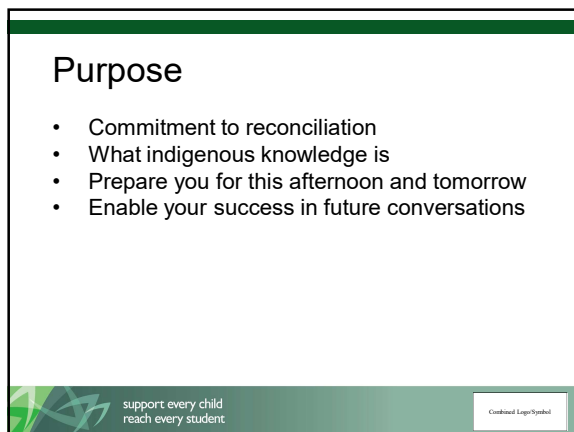


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Objectives & Prerequisites

- Objective:
 - Explain the importance of indigenizing Ontario's high school biology curriculum
- Prerequisites:
 - Describe the scientific method
 - Keep an open mind when out of their comfort zone
 - Participate in a respectful conversation




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reach every student

Combined Logo/Symbol

4

Agenda


Introduction
Unit 1: Knowledge systems
Unit 2: Historical context
Break
Unit 3: Benefits to Canadian science
Unit 4: Benefits for all students
Conclusion and instructions
Lunch



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Unit 4: Benefits for the
Students

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Objective

Explain the benefit of indigenizing the curriculum

- Describe how it helps Indigenous students
- Describe how it helps non-Indigenous students

7

Activity: Discovering the benefits for my students

1. Look through the handouts provided
2. Consider what benefits indigenizing the curriculum may have for your students
3. Use the supplies at the center of the tables to create a poster of the benefits for your students

8

Debrief: Discovering the benefits for my students

What were 1-2 benefits you identified?

Were there any surprises? Anything that stood out? Anything you are unsure about?

9

Our definition of reconciliation

"... reconciliation is about establishing and maintaining a mutually respectful relationship between Aboriginal and non-Aboriginal peoples in this country. In order for that to happen, there has to be awareness of the past, acknowledgement of the harm that has been inflicted, atonement for the causes, and action to change behaviour."



10

Summary

Indigenizing the biology curriculum has many benefits:

- Increases indigenous graduation rates and university enrolment, especially in STEM
- Provides a respectful and holistic environment for all students to thrive
- Promotes more relevant, experiential, and community-based materials
- Creates awareness of contemporary issues and a stronger connection to the environment
- Removes colonial narratives that also effect non-indigenous students



11

References

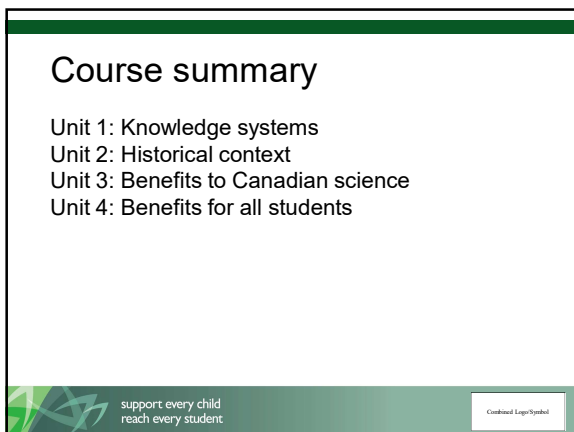
- Dion, S. D., Johnston, K., and Rice C. (2010). *Decolonizing our schools Aboriginal education in the Toronto District School Board*. Toronto. Retrieved from <https://www.tdsb.on.ca/Portals/0/Community/docs/Decolonizing%20Our%20Schools%203.pdf>
- Hatcher, A. (2012). Building cultural bridges with Aboriginal learners and their 'classmates' for transformative environmental education. *Journal of Environmental Studies and Science*, 2(4), 346-356. DOI 10.1007/s13412-012-0088-6
- Ministry of Indigenous Relations and Reconciliation. (2017). *In the spirit of reconciliation: Ministry of Indigenous Relations and Reconciliation's first 10 years* (ISBN978-1-4868-0874-8). Retrieved from https://files.ontario.ca/books/in_spirit_of_reconciliation_pdf_0.pdf
- Toulouse, P. (2016). What Matters in Indigenous education: Implementing a vision committed to holism, diversity and engagement. In *Measuring what matters, people for education*. Toronto: March, 2016. Retrieved from <https://peopleforeducation.ca/wp-content/uploads/2017/07/MWM-What-Matters-in-Indigenous-Education.pdf>
- Truth and Reconciliation Commission of Canada. (2015). *Honouring the truth, reconciling for the future: Summary of the final report of the Truth and Reconciliation Commission of Canada* (ISBN 978-0-660-02078-5). Montreal: McGill-Queen's University Press. Retrieved from http://www.trc.ca/assets/pdf/Honouring_the_Truth_Reconciling_for_the_Future_July_23_2015.pdf



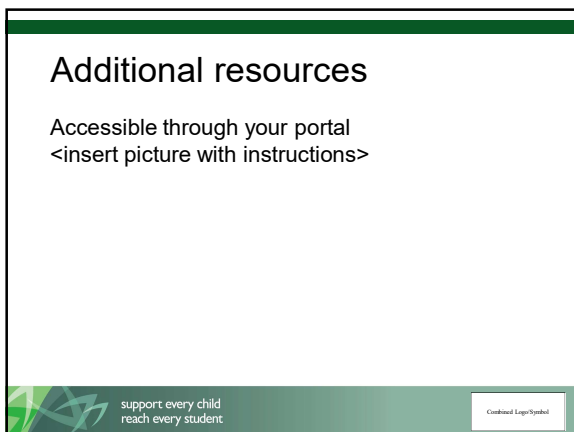
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Evaluation

1. You will be given 4 questions to answer and a survey
2. We will collect your assessment and survey after 20 minutes
3. You will receive feedback on the assessment within two weeks
4. We will use your feedback to organize additional support and resources for you



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16

Next steps

- Lunch will now be served in the cafeteria
- At 1:15 pm, please make your way to the <gymnasium or auditorium> for our first guest speaker
 - <Information about the guest speaker>



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17

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Thank you!

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