

KBI Curriculum Connections & Lesson Resources

Manitoba

Grade 4

Use Lessons & Accompanying Materials for:

- Preteaching (Activating)
- Core Content (Acquiring)
- Review (Applying)

KBI Learning Modules for Manitoba Grade 4 Curriculum

Curriculum Unit/Big Ideas/Outcomes/Competencies	KBI Learning Module(s)	KBI Lesson Titles & Curriculum Expectations	Accompanying Unit/Lesson Plans
<p>Thinking Critically</p> <p><i>ELA- Learners are recognizing the need for validity and reliability; Learners are recognizing that point of view has an impact on understanding</i></p> <p><i>1.2.1 Develop Understanding</i> Connect new information and experiences with prior knowledge to construct meaning in different contexts.</p> <p><i>3.2.3 Assess Sources</i> Assess the usefulness of information for inquiry or research using pre-established criteria.</p> <p><i>3.2.5 Make Sense of Information</i> Determine main and supporting ideas using prior knowledge, predictions, connections, inferences, and visual and auditory cues.</p> <p>Science</p> <p><i>4-0-2a.</i> Access information using a variety of sources</p> <p><i>4-0-2b.</i> Review information to determine its usefulness to inquiry or research needs.</p> <p><i>4-0-8b.</i> Recognize that scientists must support their explanations using evidence and scientific knowledge.</p>	<ul style="list-style-type: none"> ● Critical Thinking & Evaluating Information 	<p>01. The Power of the Story (ELA 1.2.1, 3.2.5)</p> <p>02. How to Collect Trustworthy Information: The TRAAP Test (ELA 3.2.3; Science 4-0-2b)</p> <p>03. Primary and Secondary Sources (Science 4-0-2a)</p> <p>04. Thinking Critically about Information (Beware of Bias 1) (ELA 1.2.1)</p> <p>05. Thinking Critically about Information (Beware of Bias 2) (ELA 1.2.1)</p> <p>06. How to Test Ideas by Creating Experiments: The Scientific Method (Science 4-0-8b)</p>	<p>Unit Plan Overview</p> <ul style="list-style-type: none"> ● Literacy builder worksheet/answer guide ● Lesson worksheet/answers ● Video worksheet/answers ● Inquiry activities/answer guides ● Numeracy activity/answers

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<p>Community</p> <p>Science: Habitat & Communities <i>4-0-1c.</i> Identify practical problems to solve in the local environment. <i>4-1-01</i> Use appropriate vocabulary related to their investigations of habitats and communities <i>4-1-02</i> Recognize that each plant and animal depends on a specific habitat to meet its needs. <i>4-1-04</i> Identify physical and behavioural adaptations of animals and plants, and infer how these adaptation <i>4-1-09</i> Recognize that plant and animal populations interact within a community. <i>4-1-11</i> Construct food chains and food webs, and classify organisms according to their roles <i>4-1-14</i> Investigate natural and human-caused changes to habitats, and identify resulting effects on plant and animal populations. <i>4-1-15</i> Describe how their actions can help conserve plant and animal populations and their habitats.</p> <p>Social Studies: Living in Manitoba <i>4-S-103</i> Make decisions that reflect care, concern, and responsibility for the environment. <i>4-KL-023</i> Identify issues related to environmental stewardship and sustainability in Manitoba.</p>	<ul style="list-style-type: none"> Environment & Climate Change 	<p>01. What Is Climate Change? (Science 4-1-09, 4-1-4, 4-1-01)</p> <p>02. Helping with the Problem of Climate Change (Science 4-1-15)</p> <p>03. My Community & Climate Change (Science 4-0-1c ; Social Studies 4-KL-023)</p> <p>04. How Can Each Person Help? (Science 4-1-15; Social Studies 4-S-103)</p> <p>05. Our Health & Climate Change (Science 4-1-14, 4-1-04, 4-1-02)</p>	<p>Unit Plan Overview</p> <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Lesson worksheet/answers Video worksheet/answers Inquiry activities/answer guides Numeracy activity/answers

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Leadership Social Studies: Living in Canada 4-KP-045 Give examples of formal and informal power and authority in their lives. 4-KC-002 Identify democratic ideals in Canadian society. 4-KP-041 Explain the purposes of government. 4-KP-042 Identify levels of government in Canada and give examples of their responsibilities. 4-KE-048 Identify various ways in which governments help people meet their needs Math 4.N.7. Demonstrate an understanding of division (1-digit divisor and up to 2-digit dividend) to solve problem 4.PR.4. Identify and explain mathematical relationships using charts and diagrams to solve problems	<ul style="list-style-type: none"> Canada's Three Levels of Government 	01. Vocabulary about Government 02. Government- More Vocabulary 03. Government in Canada (Social Studies 4-KP-045, 4-KC-002) 04. Government Services (Social Studies 4-KP-042) 05. The Municipal Government- Vocabulary 06. The Municipal Government- More Vocabulary 07. The Municipal Government (Social Studies 4-KP-041, 4-KP-042, 4-KE-048) 08. The Provincial Government (Social Studies 4-KP-041, 4-KP-042, 4-KE-048)	Unit Plan Overview <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Lesson worksheet/answers Video worksheet/answers Inquiry activities/answer guides Numeracy activity/answers (Math 4.N.7, 4.PR.4)

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		<p>09. The Federal Government (Social Studies 4-KP-041, 4-KP-042, 4-KE-048)</p> <p>10. Government and Your Health (Social Studies 4-KE-048)</p> <p>11. Government and the World (Social Studies 4-KC-002)</p>	
<p>Connections</p> <p>Social Studies <i>4-KL-024</i> Give examples of Aboriginal peoples' traditional relationships with the land. <i>4-VL-006A</i> Respect their spiritual connection to the natural environment (land, water, sky). <i>4-KI-007</i> Identify Aboriginal communities, cultures, and languages in Manitoba. Examples: Cree, Ojibway, Dakota, Michif, Oji-Cree, Dene... <i>4-KI-009</i> Describe the influence of various factors on their identities. Include: culture, community, place, region.</p> <p>ELA- <i>Learners are recognizing families' and peers' unique identities and similar and different ways of seeing the world.; Learners</i></p>	<ul style="list-style-type: none"> Life on Turtle Island 	<p>01. Why Terms Matter (ELA 2.1.4, 5.2.3)</p> <p>02. The Story of Sky Woman (ELA 2.2.1, 5.2.3)</p> <p>03. From Time Immemorial (Social Studies 4-KI-007)</p> <p>04. The Land and its People (Social Studies 4-KL-024; 4-VL-006A, 4-KI-009)</p>	<p>Unit Plan Overview</p> <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Lesson worksheet/answers

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<p><i>are recognizing, comparing, and using the codes and conventions of print, oral, visual, and multimodal texts.</i></p> <p>2.2.1 Experience Various Texts Experience texts from a variety of forms and genres [such as personal narratives, plays, adventure stories, mysteries...] and cultural traditions; share responses.</p> <p>2.1.4 Cueing Systems</p> <p>Use syntactic, semantic, and graphophonic cueing systems [including word order; context clues; structural analysis to identify roots, prefixes, suffixes, compound words, contractions, and singular and plural words] to construct and confirm meaning; use a junior dictionary to determine word meaning in context.</p> <p>5.2.3 Use Language to Show Respect Appreciate variations in language use in a variety of contexts in immediate communities.</p>		<p>05. Medicine From the Land (Social Studies 4-KL-024; 4-VL-006A, 4-KI-009)</p>	

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Curriculum-Related Themes Throughout the Year			
Reflecting on hardships and courage during WWII (November)	<ul style="list-style-type: none"> Remembrance Day / Veterans Day / Armistice Day (available on KBI in November) 	01. War and Being Sick Was Hard For Soldiers 02. Why Did The Influenza Pandemic Make WW1 Soldiers Sick? 03. Charles "Charlie" Henry Byce, Canadian Indigenous WW2 Hero 04. Blanche-Olive Lavallée: A Canadian Nurse in WW1	Lesson Plan/Activity
Reflecting on kindness and building leadership skills to help others (December)	<ul style="list-style-type: none"> Winter Break - Spreading Kindness (available on KBI in December) 	01. Winter Break - Spreading Kindness	Lesson Plan/Activities With links to lessons and the following resources: <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Activity - Making A Difference Activity - Compare and Contrast special things at this time of year Activity - Recipe book Activity - Shape Poem
Highlighting some key inspirational leaders during Black History Month as well as some experiences of refugees	<ul style="list-style-type: none"> Black History Month (available on KBI in February) 	01. What is Black History Month? 02. Anderson Ruffin Abbott - The First Black Canadian Doctor	

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from different parts of the world (February)	<ul style="list-style-type: none"> Refugee Experiences (suggested for February) 	<p>03. Alice Ball: A New Treatment for Leprosy</p> <p>04. Percy La von Julian - Inventor Extraordinaire</p> <p>05. Henrietta Lacks: The First Immortal Cells</p> <p>01. What does it mean to be a Refugee?</p> <p>02. Refugee Camps</p> <p>03. Refugee Rights</p> <p>04. Refugee Rights and Healthcare</p>	<p>Unit Plan Overview</p> <p>With links to lessons and the following resources:</p> <ul style="list-style-type: none"> Lesson worksheet/answers Inquiry activities
Celebrating inspiring women in STEM (March)	<ul style="list-style-type: none"> International Women's Day - Celebrating Inspiring Women in STEM (available on KBI in March) 	<p>Young Women & The Fight Against Climate Change</p> <p>Anna Wessels Williams - A Pioneer in Treating Infectious Disease</p> <p>Suzanne Simard - A Canadian Forest Scientist</p>	<p>Unit Plan Overview</p> <p>With links to lessons and the following resources:</p> <ul style="list-style-type: none"> Literacy builder worksheets/answer guides Inquiry activities

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		<p>Katherine Johnson - A Top Mathematician for NASA</p> <p>Roberta Bondar - The First Canadian Woman Astronaut</p> <p>The Women Behind The Pertussis Vaccine: Pearl Kendrick, Grace Eldering, and Loney Clinton Gordon</p> <p>Dr Theresa Tam - Canada's top health leader during the COVID-19 pandemic</p>	
<p>Understanding communicable diseases and how they are spread, and learning about immunization. Suggested during flu season, immunization awareness week, and school vaccinations (if applicable)</p>	<ul style="list-style-type: none"> Immunization Awareness Week (available on KBI mid to end of April) 	<p>(Updated to be relevant every year)</p> <p>You asked - We Answered! KBI Q&A (PHE C)</p> <p>The History of How Pandemics Have Changed How We Live (PHE C)</p> <p>Letter of Thanks From UNICEF Canada To You! (PHE C)</p>	

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	<ul style="list-style-type: none"> ● The Spread of Infectious Diseases (suggested for April or “flu” season around November) 	<p>01. What Are Infectious Diseases and How Do They Spread?</p> <p>02. What Are Outbreaks, Epidemics, and Pandemics?</p> <p>03. How Do Pandemics Affect People?</p> <p>04. Online Misinformation: Fighting the Infodemic</p> <p>05. What Are Disease Variants?</p> <p>06. A Great Way to Prevent Infectious Diseases Is in Your Hands</p>	Link to Lessons
	<ul style="list-style-type: none"> ● Scientific Curiosity and Vaccine Discoveries (suggested for April or “flu” season around November or school) 	<p>The Wonder of Scientific Curiosity</p> <p>HPV Vaccine</p> <p>Measles</p> <p>Hepatitis B Vaccine</p>	Link to Lessons

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	vaccinations if applicable)	Varicella Chickenpox Vaccine Tdap Vaccine Meningococcal (Meningitis) Vaccine How To Handle Your Vaccines Like a Champ	
Indigenous history in Canada - pre-contact, contact, treaties, colonialism, and The Indian Act	<ul style="list-style-type: none"> Life on Turtle Island (suggested for June National Indigenous History Month) 	01. Why Terms Matter (Social Studies 4.3.1, 4.S.8) 02. The Story of Sky Woman (ELA 2.2, 2.4; Social Studies 4.2.2) 03. From Time Immemorial (Social Studies 4.S.2, 4.3.1, 4.2.2) 04. The Land and Its People (Social Studies 4.3.1, 4.2.2) 05. Medicine From the Land (Social Studies 4.3.1)	Unit Plan Overview <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Lesson worksheet/answers Video worksheet/answer guide

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	<ul style="list-style-type: none"> Cooperation and Colonization 	01. Contact with Europeans (Social Studies 4.S.2) 02. Treaties (Social Studies 4.3.3, 4.S.2) 03. What is Colonization? (Social Studies 4.3.3, 4.S.2) 04. The Indian Act (Social Studies 4.3.3, 4.S.2)	Unit Plan Overview <ul style="list-style-type: none"> Literacy builder worksheet/answer guide Lesson worksheet/answers

This resource was made by a teacher to be used/adapted as needed.

Additional lesson information and assessment suggestion

Lesson Quizzes

- To do quizzes, teachers have two options:
 - Make a class and complete the lesson quiz on behalf of a class after collecting responses from students. See [Kids OFFLINE Mode](#).
 - Make a class and give students the class code to join and complete online quizzes individually.
- There are additional quizzes for most learning modules that are not listed above.
 - There is an optional Trivia quiz at the start of a learning module, which is used as an ice-breaker and pre-test.
 - There is also a summative Final Quiz at the end of most learning modules. For the Final Quiz, students have only one chance to earn vaccines the first time they do it.

- For all other lesson quizzes, students (or teachers using Kids OFFLINE Mode) can complete them multiple times to improve their quiz scores. The unique aspect of Kids Boost Immunity is that learning is linked to helping others. Students scoring 80% or higher on a quiz earn vaccines (like polio, tetanus, measles) through UNICEF.

Assessment option

To encourage students to take the time to learn the content before doing a quiz, teachers can use the number of times a student completes a quiz as part of their assessment. For example, a student scoring 80% or higher the first time they do a lesson quiz receives a higher grade than a student who does multiple quizzes in order to reach this higher level of achievement.