



## Kit B Connections to the Ontario Language Curriculum

Bug Club Morphology (BCM) supports the teaching of many strands and expectations in the Ontario Language Curriculum.

The BCM Scope and Sequence was developed using research-based guidelines that take into consideration both the complexity of the morphemes and the frequency of use in student text. By teaching Bug Club Morphology lessons, teachers are addressing morphemes that are timely and developmentally appropriate for students. Students will encounter the morphemes in authentic text and will be taught related spelling conventions, pronunciations, and meaning. They will also review morphemes taught in earlier grades (K, grades 1–2) where much of the work would have been oral.

### A. Literacy Connections and Applications (grades 2–6)

#### A3 Applications, Connections, and Contributions

##### A3.1 Cross-Curricular and Integrated Learning

##### A3.2 Identity and Community

##### A3.3 First Nations, Métis, and Inuit Perspectives and Ways of Knowing

BCM supports this strand of the curriculum by

- providing authentic opportunities for students to apply their language knowledge and skills to read cross-curricular content
- exposing students to diverse Canadian content in culturally responsive and relevant texts
- providing First Nations, Métis, and Inuit voices and ways of knowing in every kit

### B. Foundations of Language

#### B2 Language Foundations for Reading and Writing

##### B2.1 Word-Level Reading and Spelling: Using Phonics Knowledge (grades 2–3)

##### B2.2 Word-Level Reading and Spelling: Using Orthographic Knowledge (grades 2–3)

BCM supports this strand of the curriculum by

- building on students' Phonics Knowledge
- explicitly teaching Orthography (e.g., spelling conventions) throughout the resource

### B. Foundations of Language

#### B2 Language Foundations for Reading and Writing

##### B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge (grades 2–3)

##### B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge (grades 4–6)

BCM supports this strand of the curriculum by

- providing a detailed explanation and related research about the concept of morphology
- using terminology (morphemes, prefixes, suffixes, affixes, bases, derivational suffixes, derivational word families) consistent with the curriculum
- including the specific morphemes referenced in the Ontario curriculum. Often these are addressed as additional morphemes, which include Wall Cards for teacher use.

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- supporting teachers in their discussion about word structure, meaning, and related spelling conventions. If teachers want to address a particular morpheme earlier than it is presented in the BCM scope and sequence, they will have the tools to do so.
- increasing students' morphological knowledge, making it significantly easier to introduce other morphemes to students
- teaching roots, which apply to the language curriculum and often have cross-curricular connections as well

## **B. Foundations of Language**

### **B2 Language Foundations for Reading and Writing**

**B2.4 Vocabulary** (grades 2–3)

**B2.2 Vocabulary** (grades 4–6)

BCM supports this strand of the curriculum by

- supporting students in “developing morphological knowledge to analyze and understand new words in context” (ON Language curriculum)
- by providing text and prompts through which students can develop vocabulary when reading, writing, listening, and speaking
- addressing the need for “both explicit instruction of words and implicit learning from working with oral language and written texts in various contexts” (ON Language curriculum)
- asking students to look inside words “i.e., using morphological and structural analysis” (ON Language curriculum)
- addressing many Tier 2 and 3 vocabulary words
- exposing students to vocabulary in an appropriate context

## **B. Foundations of Language**

### **B3 Language Conventions for Reading and Writing**

**B3.2 Grammar** (grades 2–6)

BCM supports this strand of the curriculum by

- including the review and teaching of parts of speech
- regularly demonstrating how morphemes change the part of speech and/or function of a word

## **C. Comprehension: Understanding and Responding to Texts** (grades 2–6)

### **C1. Knowledge about Texts**

**C1.1 Using Foundational Knowledge and Skills to Comprehend Texts**

**C1.2 Text Forms and Genres**

**C1.3 Text Patterns and Features**

**C1.4 Visual Elements of Texts**

**C1.5 Elements of Style**

**C1.6 Point of View**

**C1.7 Indigenous Context of Various Text Forms**

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BCM supports this strand of the curriculum by

- including a variety of genres/features in the reading passages, including relevant, current Indigenous content
- providing teacher script in the lessons to support teachers in teaching all of these specific expectations

#### **D. Composition: Expressing Ideas and Creating Texts (grades 2–6)**

##### **D1. Developing Ideas and Organizing Content**

###### **D1.1 Purpose and Audience**

###### **D1.2 Developing Ideas**

###### **D1.4 Organizing Content**

##### **D2. Creating Texts**

###### **D2.1 Producing Drafts**

###### **D2.3 Voice**

###### **D2.4 Point of View and Perspective**

BCM supports this strand of the curriculum by

- providing students with the opportunity to write in every lesson
- including reading passages that can be used both as a mentor text for student writing and as a springboard for generating ideas
- incorporating activities that focus on a variety of qualities, including purpose, audience, point of view, etc.

**Note:** In addition to the Language Curriculum, teachers will find many connections to expectations in other subject areas, in particular, Mathematics and Science. Please see the Kit B correlation to specific expectations in Language and other Ontario curricula that begins on the next page.

## Kit B Correlation to Specific Expectations in Language and Other Ontario Curricula

		Language Curriculum					
Card	Title (Topic)	Focus/ Additional Morpheme(s)	A. Literacy Connections and Applications	B. Foundations of Language	C. Comprehension: Understanding and Responding to Texts	D. Composition: Expressing Ideas and Creating Texts	STEAM and Other Curricula
B1	My Drum Story (making a drum)	<i>-ful, -or*</i> suffix	A3.3 First Nations, Métis, and Inuit Perspectives and Ways of Knowing	<p>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes <i>-or</i></p> <p>Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using adverbs <i>-ful</i></p> <p>Gr. 3 B2.3, Gr. 4. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – understanding how words move across grammatical boundaries depending on their use and context</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>	<p>C1.2 Text Forms and Genres: Personal Recount</p> <p>C1.7 Indigenous Context of Various Text Forms</p> <p>C2.1 Prereading: Activating Prior Knowledge</p> <p>C2.5 Monitoring of Understanding: Making Connections</p> <p>C3.4 Analyzing Cultural Elements of Texts</p> <p>C3.7 Indigenous Contexts</p>	<p>Write about an experience you have had that connected you to your culture or was meaningful in some other way:</p> <p>D1.2 Developing Ideas</p> <p>D1.4 Organizing Content</p> <p>D2.1 Producing Drafts</p> <p>D2.3 Voice</p>	<p>Science and Technology Gr. 4 C. Matter and Energy: C1 Relating Science and Technology to Our Changing World (assess the impacts on society and the environment of technological innovations related to light and sound)</p>

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B2	Razi the Goose (the migration of geese)	-y suffix	A3.1 Cross-Curricular and Integrated Learning	<p><b>Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using adverbs -y</b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>	<p>C1.2 Text Forms and Genres: First-Person Narration</p> <p>C1.4 Visual Elements of Texts: Map</p> <p>C1.5 Elements of Style</p> <p>C1.6 Point of View</p> <p>C2.1 Prereading: Activating Prior Knowledge</p> <p>C3.1 Literary Devices</p>	<p>Write from the perspective of the animal using first-person narration:</p> <p>D1.1 Purpose and Audience</p> <p>D2.1 Producing Drafts</p> <p>D2.4 Point of View and Perspective</p>	<p>Science and Technology Gr. 2 B. Life Systems: Growth and Changes in Animals (B2.3 describe the life cycle of a variety of animals, including insects, amphibians, birds, and mammals)</p> <p>Science and Technology Gr. 4 B. Life Systems: Habitats and Communities (B2.1 describe habitats as areas that provide organisms, including plants and animals, with the necessities of life, and identify ways in which a local habitat provides these necessities)</p>
B3	Elephant Toothpaste (chemical reactions)	<b>act</b> root  <i>ex-, pro-, un-*</i> prefixes  <i>-ion*</i> suffix	A3.1 Cross-Curricular and Integrated Learning	<p><b>Review of Gr. 1 B2.6 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes un-</b></p> <p><b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes -ion</b></p>	<p>C1.2 Text Forms and Genres: Procedural Text (Experiment)</p> <p>C1.4 Visual Elements of Texts: Recipe</p> <p>C2.1 Prereading: Activating Prior Knowledge</p>	<p>Write step-by-step instructions explaining how to take an exact route:</p> <p>D1.1 Purpose and Audience</p> <p>D1.4 Organizing Content</p> <p>D2.1 Producing Drafts</p> <p>D2.5 Revision</p>	<p>Science and Technology Gr. 4 A. STEM Skills and Connections (A1.2 use a scientific experimentation process and associated skills to conduct investigations)</p>

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				<p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using derivational families to support spelling words with a schwa sound</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>			Science and Technology Gr. 5 C. Matter and Energy (C2.5 describe chemical changes in matter as changes that result in the formation of different substances, and identify signs that a chemical change has occurred)
<b>B4</b>	<b>Small but Mighty</b> (scientific inventions)	<i>micro</i> - prefix <i>-ist*</i> , <i>-logy</i> suffixes	A3.1 Cross-Curricular and Integrated Learning	<p><b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes -ist</b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and</p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C1.4 Visual Elements of Texts (Diagram)</p> <p>C2.1 Prereading: Activating Prior Knowledge</p>	<p>Write a short paragraph to share your opinion and explain your reasons:</p> <p>D1.2 Developing Ideas</p> <p>D1.3 Research</p> <p>D2.3 Voice</p>	Science and Technology Gr. 3 A. STEM Skills and Connections (A3.1 describe practical applications of science and technology concepts in their home and community, and how these applications address real-world problems)

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				<p>morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>		D2.4 Point of View and Perspective	Science and Technology Gr. 4, Gr. 5 A. STEM Skills and Connections (A3.1 describe practical applications of science and technology concepts in various occupations, including skilled trades, and how these applications address real-world problems)
B5	What's in a Number?	<i>uni-*, bi-*, du-, tri-*, mono-, di-, tri-</i> prefixes	A3.1 Cross-Curricular and Integrated Learning	<p><b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes <i>uni-, bi-, tri-</i></b></p> <p>Gr 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes</p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C2.5 Monitoring of Understanding: Making Connections</p>	<p>Create a short story using words that include numeric prefixes:</p> <p>D1.2 Developing Ideas</p> <p>D2.1 Producing Drafts</p> <p>D2.3 Voice</p>	<p>Mathematics Gr. 3 E. Spatial Sense: E2.2 Length, Mass, and Capacity</p> <p>Mathematics Gr. 4 E. Spatial Sense: E2.2 The Metric System</p> <p>Mathematics Gr. 5 E. Spatial Sense: E2.1, E2.2 The Metric System</p> <p>Science and Technology Gr. 3, Gr. 4, Gr. 5 A. STEM Skills and Connections (A3.2 investigate how science and technology can be used with other subject areas to address real-world problems)</p>

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				Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words			
B6	Get Moving! REVIEW CARD (B1–B5)	<i>-ful</i> <i>-y</i> <i>act</i> <i>micro-</i> <i>uni-, bi-, du-,</i> <i>tri-</i> <i>mono-, di-, tri-</i> <i>(-ive)</i>	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community	Review of Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Review of Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes  Review of Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words  Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes <i>-ive</i>	C1.2 Text Forms and Genres: Informational Text  C2.4 Monitoring of Understanding: Ongoing Comprehension Check  C2.5 Monitoring of Understanding: Making Connections  C3.2 Making Inferences  C3.4 Analyzing Cultural Elements of Texts  C3.8 Reflecting on Learning		Health and Physical Education Gr. 3, Gr. 4, Gr. 5 B. Active Living: B2. demonstrate an understanding of the importance of being physically active, and apply physical fitness concepts and practices that contribute to healthy, active living  Health and Physical Education Gr. 3, Gr. 4, Gr. 5 D. Healthy Living: D3. demonstrate the ability to make connections that relate to health and well-being – how their choices and behaviours affect both themselves and others, and how factors in the world around them affect their own and others’ health and well- being  Science and Technology Gr. 5 B. Life Systems: Human Health and Body Systems



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B7	<b>Across the Way</b> (polygons and diagonals)	<i>dia-</i> prefix  <i>poly-</i> suffix	A3.1 Cross-Curricular and Integrated Learning	Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes  Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words	C1.2 Text Forms and Genres: Informational Text  1.4 Visual Elements of Texts (Diagram)  2.1 Prereading: Activating Prior Knowledge	Use dialogue to write a conversation between two characters:  D1.1 Purpose and Audience  D2.1 Producing Drafts  D2.4 Point of View and Perspective	Mathematics Gr. 3, Gr. 4, Gr. 6 E. Spatial Sense: E1.1 Geometric Reasoning
B8	<b>The Perfect Photo</b>	<i>photo,</i> <i>phon (phone)</i> roots  <i>sym-, tele-,</i> <i>xylo-</i> prefixes	A3.1 Cross-Curricular and Integrated Learning	Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes	C1.2 Text Forms and Genres: Informational Text  C1.4 Visual Elements of Texts (Diagram)  C2.1 Prereading: Activating Prior Knowledge  C3.2 Making Inferences	Write sentence from a prompt: • If I were a photographer, ... • If I were a musician in a symphony orchestra, ...  D1.1 Purpose and Audience  D1.3 Research  D2.1 Producing Drafts  D2.4 Point of View and Perspective	Science and Technology Gr. 3 B. Life Systems: Growth and Changes in Plants  Science and Technology Gr. 4 C. Matter and Energy: Light and Sound

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				Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words			
B9	Waste in Our World	<i>-able*</i> , <i>-ible*</i> suffixes  <i>de-*</i> prefix	A2.1 Research and Information Literacy  A3.1 Cross-Curricular and Integrated Learning	<p><b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes <i>de-</i>, using suffixes <i>-able/-ible</i></b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C1.4 Visual Elements of Texts (Diagram)</p> <p>C2.1 Prereading: Activating Prior Knowledge</p> <p>C2.5 Monitoring of Understanding: Making Connections</p> <p>C3.2 Making Inferences</p> <p>C3.5 Perspectives within Texts</p>	<p>Note that this writing activity targets expectations from Strand B.</p> <p>Write sentences following specific guidelines (specific words given position in sentence of a certain length):</p> <p>B2.2 Vocabulary</p> <p>B3.1 Syntax and Sentence Structure</p> <p>B3.2 Grammar</p> <p>B3.3 Capitalization and Punctuation</p>	<p>Science and Technology Gr. 1 D. Structures and Mechanisms: Everyday Materials, Objects, and Structures (D1.1 identify the kinds of waste materials produced by humans, and plan and carry out a course of action for minimizing waste in the classroom or at home, explaining why each action is important)</p> <p>Science and Technology Gr. 4 E. Earth and Space Systems: Rocks, Minerals, and Geological Processes (E1.2 assess social and environmental impacts of extracting and refining rocks and minerals and of manufacturing, recycling, and disposing of products derived from rocks and minerals, while taking various perspectives into account)</p> <p>Science and Technology Gr. 5 E. Earth and Space Systems: Conservation of Energy and Resources</p>

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B10	A Sense of Belonging (Indigenous Friendship Centre)	-ship suffix	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community A3.3 First Nations, Métis, and Inuit Perspectives and Ways of Knowing	Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes  Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – understanding how words move across grammatical boundaries depending on their use and context  Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words	C1.2 Text Forms and Genres: Informational Text C1.6 Point of View C1.7 Indigenous Context of Various Text Forms C3.4 Analyzing Cultural Elements of Texts C3.5 Perspectives within Texts C3.7 Indigenous Contexts	Write a letter to someone who has been a friend or mentor to you: D1.1 Purpose and Audience D1.5 Reflecting on Learning D2.1 Producing Drafts D2.3 Voice	Social Studies Gr. 6 A2. Inquiry: The Perspectives of Diverse Communities
B11	Textile Art	multi- prefix	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community	Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes	C1.2 Text Forms and Genres: Informational Text C1.4 Visual Elements of Texts (Photos) C3.4 Analyzing Cultural Elements of Texts	Write three questions that you have about textile art after reading this card: D1.5 Reflecting on Learning D1.2 Developing Ideas D2.1 Producing Drafts	Mathematics Gr. 3, Gr. 4 C. Algebra: C1. Patterns and Relationships

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				<p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>			
B12	A Sound Invention REVIEW CARD (B7–B11)	<p><i>dia-</i> <i>photo, phon</i> <i>(phone)</i> <i>-able, -ible</i> <i>-ship</i> <i>multi-</i> <i>(fore-)</i></p>	<p>A2.3 Research and Information Literacy</p> <p>A3.1 Cross-Curricular and Integrated Learning</p>	<p>Review of Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – uses developing knowledge of the meaning of words and morphemes to read and spell words</p> <p>Review of Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p> <p><b>Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes <i>fore-</i></b></p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C1.4 Visual Elements of Texts (Diagram)</p>		<p>Science and Technology Gr. 4 C. Matter and Energy: Light and Sound</p>

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B13	All Thanks to Engineers!	<i>spect</i> root <i>-ism</i> suffix	A3.1 Cross-Curricular and Integrated Learning	<p><b>Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes <i>-ism</i></b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words</p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C2.1 Prereading: Activating Prior Knowledge</p> <p>C2.5 Monitoring of Understanding: Making Connections</p>	<p>Write about a person whom you respect:</p> <p>D1.2 Developing Ideas</p> <p>D1.4 Organizing Content</p> <p>D2.1 Producing Drafts</p>	<p>Science and Technology Gr. 3, Gr. 4, Gr. 5 A. STEM Skills and Connections: A3. Applications, Connections, and Contributions</p> <p>Science and Technology Gr. 3, Gr. 5 C. Matter and Energy: C1. Relating Science and Technology to Our Changing World</p> <p>Science and Technology Gr. 3, Gr. 4, Gr. 5 D. Structures and Mechanisms: Strong and Stable Structures</p>
B14	A Berry Important Job (farming)	<i>over-, under-</i> prefixes	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community	<p><b>Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes <i>over-, under-</i></b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p>	<p>C1.2 Text Forms and Genres: Informational Text</p> <p>C1.4 Visual Elements of Texts (Cycle Diagram)</p> <p>C2.1 Prereading: Activating Prior Knowledge</p>	<p>Write a sentence for several words using the prefixes <i>over-</i> and <i>under-</i>:</p> <p>D1.5 Reflecting on Learning</p> <p>D2.1 Producing Drafts</p>	<p>Science and Technology Gr. 3 B. Life Systems: Growth and Changes in Plants</p> <p>Social Studies Gr. 4 B1. Application: Industrial Development and the Environments</p>

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				Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words			
B15	Wildlife Crossings (wildlife protection and conversation)	-ion* suffix over-, under- prefixes	A3.1 Cross-Curricular and Integrated Learning	<p><b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using suffixes -ion</b></p> <p><b>Review of Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes over-, under-</b></p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words</p> <p>Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – understanding how words move across grammatical boundaries depending on their use and context</p>	<p>C1.2 Text Forms and Genres: News Article</p> <p>C1.4 Visual Elements of Texts</p> <p>C1.5 Elements of Style</p> <p>C1.6 Point of View</p> <p>C2.1 Prereading: Activating Prior Knowledge</p> <p>C3.2 Making Inferences</p> <p>C3.3 Analyzing Texts</p>	<p>Write a short commercial to convince people to protect wildlife by reducing pollution:</p> <p>D1.1 Purpose and Audience</p> <p>D1.2 Developing Ideas</p> <p>D1.4 Organizing Content</p> <p>D2.1 Producing Drafts</p> <p>D2.4 Point of View and Perspective</p>	<p>Science and Technology Gr. 2 B. Life Systems: Growth and Changes in Animals</p> <p>Science and Technology Gr. 3 D. Structures and Mechanisms: Strong and Stable Structures (D1.2 assess the environmental impact of structures built by various animals, including structures built by humans)</p> <p>Science and Technology Gr. 4 B. Life Systems: Habitats and Communities</p>

Language Curriculum							
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				Gr. 3 B2.4, Gr 4. B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words			
<b>B16</b>	<b>The Spring Equinox</b>	<i>equ</i> root <i>mid-, un-*</i> prefixes	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community A3.3 First Nations, Métis, and Inuit Perspectives and Ways of Knowing	<b>Review of Gr. 2 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes -un</b>  <b>Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes mid-</b>  Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words	C1.2 Text Forms and Genres: Informational Text C1.3 Text Patterns and Features C1.4 Visual Elements of Texts (Chart) C1.7 Indigenous Context of Various Text Forms C2.1 Prereading: Activating Prior Knowledge C2.3 Monitoring of Understanding: Making and Confirming Predictions C3.4 Analyzing Cultural Elements of Texts C3.7 Indigenous Contexts	What does equality mean to you? D1.2 Developing Ideas D1.4 Organizing Content D1.5 Reflecting on Learning D2.1 Producing Drafts D2.3 Voice D2.4 Point of View and Perspective	Science and Technology Gr. 4 B. Life Systems: Habitats and Communities Science and Technology Gr. 5 E. Earth and Space Systems: Conservation of Energy and Resources (E1.3 analyse how First Nations, Métis, and Inuit communities use their knowledges and ways of knowing to conserve energy and resources) Science and Technology Gr. 6 B. Life Systems: Biodiversity Science and Technology Gr. 6 E. Earth and Space Systems: Space
<b>B17</b>	<b>Interconnected (the internet)</b>	<i>inter-, intra-</i> prefixes	A2.4 Forms, Conventions, and Techniques A2.5 Media, Audience, and Production	<b>Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes inter-, intra-</b>	C1.2 Text Forms and Genres: Informational Text 2.1 Prereading: Activating Prior Knowledge	What questions would you like to ask the inventor of the internet or another inventor? D1.2 Developing Ideas D1.3 Research	Science and Technology Gr. 3, Gr. 4, Gr. 5 A. STEM Skills and Connections: A2. Coding and Emerging Technologies and A3. Applications, Connections, and Contributions

Language Curriculum							
Card	Title (Topic)	Focus/ Additional Morpheme(s)	A. Literacy Connections and Applications	B. Foundations of Language	C. Comprehension: Understanding and Responding to Texts	D. Composition: Expressing Ideas and Creating Texts	STEAM and Other Curricula
			A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community	Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words	3.4 Analyzing Cultural Elements of Texts  C3.6 Analysis and Response	D1.4 Organizing Content  D2.1 Producing Drafts	
B18	Inspiration on the Field REVIEW CARD (B13–17)	<i>spect</i> <i>over-</i> , <i>under-</i> <i>-ion</i> <i>equ</i> <i>inter-</i> <i>(post-)</i>	A3.1 Cross-Curricular and Integrated Learning A3.2 Identity and Community	Review of Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – use developing knowledge of the meanings of words and morphemes (i.e., bases, prefixes, and suffixes) to read and spell words  Review of Gr. 3 B2.3, Gr. 4 B2.1 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes, using suffixes  Review of Gr. 3 B2.4, Gr. 4 B2.2 Vocabulary – uses morphological knowledge to analyze and understand new words	C1.2 Text Forms and Genres: Informational Text, Biography  C2.4 Monitoring of Understanding: Ongoing Comprehension Check  C2.5 Monitoring of Understanding: Making Connections  C3.2 Making Inferences  C3.4 Analyzing Cultural Elements of Texts  C3.8 Reflecting on Learning		Health and Physical Education Gr. 3, Gr. 4, Gr. 5 B. Active Living: B2. demonstrate an understanding of the importance of being physically active, and apply physical fitness concepts and practices that contribute to healthy, active living  Health and Physical Education Gr. 3, Gr. 4, Gr. 5 D. Healthy Living: D3. demonstrate the ability to make connections that relate to health and well-being – how their choices and behaviours affect both themselves and others, and how factors in the world around them affect their own and others' health and well-being



Language Curriculum							
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				Gr. 3 B2.3 Word-Level Reading and Spelling: Using Morphological Knowledge – using prefixes <i>post-</i>			Science and Technology Gr. 5 B. Life Systems: Human Health and Body Systems

Focus morphemes are in **bold**.

Ontario Language expectations that match morphemes on the card are in **bold**.

\*Those morphemes with the asterisk are from an earlier grade level curriculum, but will be reviewed in Kit B.