



Kit D Connections to the Alberta English Language Arts and Literature (ELAL) Curriculum

Bug Club Morphology (BCM) supports the teaching of many outcomes in the Alberta Language Arts and Literature Curriculum. BCM supports the ELAL curriculum as a whole by

- providing a detailed explanation and related research about the concept of morphology
- using terminology (morphemes, prefixes, suffixes, affixes, bases, word origins, etc.) addressed in the curriculum
- increasing students' overall morphological knowledge

Organizing Idea: Text Forms and Structures

BCM supports this strand of the curriculum by

- including a variety of text forms/structures/features in the reading passages
- offering prompts and suggestions for discussing these text forms/structures/features in the lesson
- exposing students to diverse Canadian content in culturally responsive and relevant texts, including current Indigenous content and ways of knowing in every kit

Organizing Idea: Oral Language

BCM supports this strand of the curriculum by

- embedding opportunities for students to talk and listen to each other during every lesson (Activating Prior Knowledge, Time to Talk)
- enabling students to connect to their prior knowledge, articulate opinions, and construct meaning about the content of the reading passage
- providing time for collaborative work during word study activities and investigations

Organizing Idea: Vocabulary

BCM supports this strand of the curriculum by

- analyzing the meanings of words and word parts (morphemes)
- including the specific affixes referenced in the ELAL curriculum in grades 3–6
- teaching roots with Greek and Latin origins
- providing students with opportunities to engage with vocabulary with the focus morphemes in authentic text
- supporting students in predicting meanings of unfamiliar words using morphological cues
- providing text and prompts through which students can develop vocabulary when reading, writing, listening, and speaking
- providing opportunities to integrate knowledge of vocabulary and word study across multiple literacy contexts
- supporting students in developing morphological knowledge to analyze and understand new words in context
- addressing many Tier 2 and 3 vocabulary words



Organizing Idea: Phonics

BCM supports this strand of the curriculum by

- building on and reinforcing phonics knowledge

Organizing Idea: Comprehension

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
- providing prompts for students to connect to their own experiences and make predictions and/or inferences about the text
- providing teacher script in the lessons to ensure teachers can support their students with comprehension of the reading passage

Organizing Idea: Writing

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 writing activities that focus on a variety of qualities, including purpose, audience, point of view, word choice, etc.
- encouraging students to use vocabulary with the morphemes being taught in their writing

Organizing Idea: Conventions

BCM supports this strand of the curriculum by

- including the specific morphemes referenced in the ELAL curriculum in grades 3–6
- embedding the review and teaching of parts of speech in the lessons
- regularly demonstrating how morphemes change the part of speech and often the function of a word
- supporting teachers in their discussion about morphemes and the many related spelling conventions and patterns
- addressing inflectional suffixes, tense, and compound words

Note: In addition to the ELAL Curriculum, teachers will find many connections to outcomes in other subject areas, in particular, Mathematics and Science. Please see the Kit D correlation to specific outcomes in ELAL and other Alberta curricula that begins on the next page.

Kit D Correlation to Specific Outcomes in ELAL and Other Alberta Curricula

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
D1	Drone Power	<i>en-</i> prefix	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Vocabulary: Vocabulary is contextual and influenced by emerging or changing conditions, including technology</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>en-</i></p> <p>Gr. 6 Comprehension: Incorporate a variety of strategies to comprehend, interpret, and manage information from texts.</p> <p>Gr. 6 Writing: Research processes involve management of information, including questioning, organizing, and recording</p> <p>Gr. 6 Writing: Information can be gathered and organized using a variety of methods and tools. (Since students are organizing their thoughts on a pros and cons chart)</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	<p>Science Gr. 5 Energy: Forces can affect the flight of objects in various ways, including speed, horizontal and vertical movement, altitude, and straight and level flight</p> <p>Science Gr. 6 Computer Science: Computers, coding, and technology can be used in ways that have positive or negative impacts</p> <p>Science Gr. 6 Computer Science: The use of computers, coding, and technology can have impacts that are personal, social, environmental, economic. Impacts of computers, coding, or technology may be intentional or unintentional</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
D2	Canadian Wildlife	<i>-ary</i> suffix	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Suffixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Incorporate a variety of strategies to comprehend, interpret, and manage information from texts</p> <p>Gr. 6 Writing: Research processes involve management of information, including questioning, gathering, organizing, and recording</p> <p>Gr. 6 Writing: Research processes can involve accessing information from multiple digital or non-digital sources</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	Science Gr. 6 Living Systems: Investigate the characteristics and components of and interactions within ecosystems
D3	Fractured!	<i>fract</i> root <i>-ion</i> suffix <i>re-*</i> prefix	<p>Review of Gr. 3 Vocabulary: Prefix re-</p> <p>Gr. 6 Text Forms and Structures: Informational text (recipe)</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Comprehension: Incorporate a variety of strategies to comprehend, interpret, and manage information from texts</p>	<p>Review of Science Gr. 2 Energy: Light behaves in various ways, including bending as it travels from one material to another (refraction)</p> <p>Science Gr. 5 Living Systems: The musculoskeletal system supports and moves the body, and includes muscles and bones</p> <p>Science Gr. 5 Scientific Methods: Phenomena that cannot be directly observed using the human senses can be observed and measured using technologies such as X-rays</p> <p>Math Gr. 5, Gr. 6: Number (fractions)</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
			<p>Gr. 6 Writing: Word choice can reflect the author’s voice or style, including in texts that provide the author the freedom to use unique or unexpected words or phrases (e.g., poetry)</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D4	Supervillains Unite!	<p><i>anti- (ant-)*</i> <i>counter-</i> prefixes</p> <p><i>-ist*</i> suffix</p>	<p>Review of Gr. 3 Vocabulary: Suffix <i>-ist</i></p> <p>Review of Gr. 5 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>ant-</i></p> <p>Gr. 6 Text Forms and Structures: Narrative texts can be fiction or nonfiction and can be structured in a variety of ways to create effect (comic)</p> <p>Gr. 6 Text Forms and Structures: An antagonist is an opponent of or force acting against the protagonist and often gets in the protagonist’s way or creates challenges</p> <p>Gr. 6 Oral Language: Collaborative dialogue can empower individuals or groups to voice ideas, express understandings, consider a variety of perspectives, and examine new ways of thinking</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Context clues in texts include information in pictures, diagrams, charts, or graphs</p>	

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
			<p>Gr. 6 Writing: Word choice can reflect the author’s voice or style, including in texts that provide the author the freedom to use unique or unexpected words or phrases (e.g., stories)</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D5	Life in Labrador	<i>pro-</i> prefix	<p>Review of Gr. 5 Text Forms and Structures: Literary text forms can be fiction or non-fiction and include photo essays</p> <p>Gr. 6 Text Forms and Structures: Narrative texts can be fiction or nonfiction and can be structured in a variety of ways to create effect (photo essay)</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>pro-</i></p> <p>Gr. 6 Comprehension: Context clues in texts include information in pictures, diagrams, charts, or graphs</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	<p>Science Gr. 6 Living Systems: Investigate the characteristics and components of and interactions within ecosystems</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
D6	An Unexpected Discovery REVIEW CARD (D1–D5)	<i>en-</i> <i>-ary</i> <i>fract</i> <i>anti-</i> (<i>ant-</i>) <i>pro-</i>	Gr. 6 Text Forms and Structures: Informational text Gr. 6 Vocabulary: Prefixes <i>en-</i>, <i>pro-</i> Gr. 6 Comprehension Gr. 6 Conventions	Science Gr. 5 Scientific Methods: Phenomena that cannot be directly observed using the human senses can be observed and measured using technologies such as microscopes Science Gr. 6 Living Systems: Biotic components of an ecosystem include microorganisms
D7	A Hidden Gem (Blackfoot Crossing Historical Park)	<i>-en</i> suffix <i>en-</i> prefix	Gr. 6 Text Forms and Structures: Informational text Gr. 6 Text Forms and Structures: Human-made structures of land convey meaning; describe how meaning is conveyed through human-made structures of land by First Nations, Métis, or Inuit and people from other parts of the world. Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today Gr. 6 Vocabulary: Suffixes, including <i>-en</i>, change the meaning of a word when applied to a base. Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>en-</i> Gr. 6 Vocabulary: Words that are specific to First Nations, Métis, and Inuit languages can be found in the people, places, and things that surround us Gr. 6 Comprehension: Context clues in texts include information in pictures, diagrams, charts, or graphs Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)	Science Gr. 3 Matter: First Nations, Métis, and Inuit communities respectfully interact with natural materials, such as trees, rocks, ice, shells, plants, and animals Science Gr. 3 Matter: First Nations, Métis, and Inuit communities interact with natural materials for specific purposes, such as teepees Social Studies Gr. 3 Time and Place: There are five numbered treaties in Alberta: Treaty 4, Treaty 6, Treaty 7, Treaty 8, and Treaty 10; First Nations negotiated and signed treaties to preserve peace and continue living on the land Science Gr. 4 Earth Systems: First Nations, Métis, and Inuit laws of nature include how nature provides gifts of life and living in harmony with the land Science Gr. 4 Earth Systems: Governments, conservation groups, and First Nations, Métis, and Inuit communities collaborate with Parks Canada to conserve, restore, and protect Canada’s natural and cultural heritages through initiatives such as land management and preservation of important sites and cultural centres

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
				<p>Science Gr. 6 Earth Systems: Traditional ways of living off the land, including hunting and gathering practices of First Nations, Métis, and Inuit communities, have been impacted by climate change in various ways, such as changing migration patterns and access to hunting, harvesting, and fishing</p> <p>Science Gr. 6 Scientific Methods: First Nations, Métis, and Inuit share explanations of natural phenomena through written texts, traditional knowledge, visual forms, verbal presentations, stories and legends</p> <p>Social Studies Gr. 6 Time and Place: Aboriginal and treaty rights of Aboriginal (Indigenous) peoples in Canada affirm and recognize collective rights (Section 25 of the Canadian Charter of Rights and Freedoms)</p>
D8	Coral Reefs in Danger	<i>bio-</i> <i>a-</i> <i>auto-</i> <i>sym-</i> prefixes	<p>Review of Gr. 4 Text Forms and Structures: Non-fiction texts include autobiographies</p> <p>Gr. 6 Text Forms and Structures: Literary text forms can be digital or non-digital and include articles</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Comprehension strategies can be used to interpret and respond to increasingly complex texts and include inferring, making connections, synthesizing, and evaluating</p>	<p>Science Gr. 6 Earth Systems: Investigate climate, changes in climate, and the impact of climate change on Earth</p> <p>Science Gr. 6 Living Systems: Investigate the characteristics and components of and interactions within ecosystems</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
			<p>Gr. 6 Comprehension: Analyzing texts includes reading closely to examine ideas and information in texts separately and in relationship to each other</p> <p>Gr. 6 Comprehension: Authors or text creators may present information to deliberately influence an audience’s beliefs, perspectives, values, or understandings, such as advertising or social media</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D9	<p>An Inventors Museum (Canadian Multicultural Inventors Museum)</p>	<p><i>-logy</i> <i>-ist*</i> suffixes</p>	<p>Review of Gr. 3 Vocabulary: Suffix -ist</p> <p>Gr. 6 Text Forms and Structures: Interview</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Suffixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Incorporate a variety of strategies to comprehend, interpret, and manage information from texts</p> <p>Gr. 6 Comprehension: Making text to self, text to text, and text to world connections can support analyzing, summarizing, and synthesizing texts</p> <p>Gr. 6 Writing: Research processes involve management of information, including questioning</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	<p>Review of Science Gr. 3 Computer Science: Canadians are responsible for many creative inventions</p> <p>Science Gr. 6: Earth Systems: Traditional knowledge and modern technologies both provide information on long-term climate changes</p>

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D10	Stewards of the Land (Kendall Island Migratory Bird Sanctuary)	<i>con-, com-</i> <i>co-</i> prefixes	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Text Forms and Structures: Text features can be digital or nondigital and can organize and present important content, enhance comprehension of content, expand vocabulary</p> <p>Gr. 6 Text Forms and Structures: Land is a text that can be read for multiple meanings and understandings</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>com-</i>, <i>con-</i></p> <p>Gr. 6 Vocabulary: Words that are specific to First Nations, Métis, and Inuit languages can be found in the people, places, and things that surround us</p> <p>Gr. 6 Comprehension: Comprehension strategies can be used to interpret and respond to increasingly complex texts and include inferring, making connections, synthesizing</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	<p>Science Gr. 6 Living Systems: Investigate the characteristics and components of and interactions within ecosystems</p> <p>Science Gr. 6 Earth Systems: Traditional ways of living off the land, including hunting and gathering practices of First Nations, Métis, and Inuit communities, have been impacted by climate change in various ways, such as changing migration patterns, access to hunting, harvesting, and fishing</p>
D11	Stretched! (plasticity, elasticity)	<i>form</i> root <i>con-</i> <i>de-</i> prefixes	<p>Review of Gr. 4 Text Forms and Structures: Procedural texts include recipes</p> <p>Text Forms and Structures: Hybrid text (informational, procedural)</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p>	<p>Science Gr. 6 Energy: Plasticity is a property that leads to permanent changes in an object's shape; e.g., bending a paper clip</p> <p>Science Gr. 6 Energy: Elasticity is a property that enables temporary changes in an object's shape; e.g., stretching a rubber band</p>

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			<p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base and include <i>con-</i></p> <p>Gr. 6 Comprehension: Comprehension strategies can be used to interpret and respond to increasingly complex texts and include inferring, making connections, synthesizing</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D12	She Chose Spiders! REVIEW CARD (D7–D11)	<i>-en</i> <i>bio-</i> <i>-logy,</i> <i>con-, com-</i> <i>form</i>	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Vocabulary: Prefixes <i>con-</i>, <i>com-</i></p> <p>Gr. 6 Vocabulary: Suffix <i>-en</i></p> <p>Gr. 6 Comprehension</p> <p>Gr. 6 Conventions</p>	<p>Science Gr. 6 Living Systems: Investigate the characteristics and components of and interactions within ecosystems</p> <p>Science Gr. 6 Scientific Methods: Further investigation can involve a variety of processes, such as continual collection of evidence over time, conducting multiple investigations over long periods of time, using new technologies and methods that reveal new evidence</p>
D13	A Celebration in the Sky (fireworks)	<i>-ize</i> suffix	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Suffixes, including <i>-ize</i>, change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Making text to self, text to text, and text to world connections can support analyzing, summarizing, and synthesizing texts</p>	<p>Social Students Gr. 5 Time and Place: Ancient civilizations were complex societies that existed thousands of years ago (3000 BCE–500 CE) in different locations around the world; for example, China and India</p> <p>Science Gr. 6 Matter: Investigate how particles of matter behave when heated or cooled and analyze effects on solids, liquids, and gases</p>

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			Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)	
D14	Early Forms of Writing	<p><i>graph</i> <i>scribe (script)</i> roots <i>de-</i> prefix</p>	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Text Forms and Structures: Human-made structures of land convey meaning such as pictographs; describe how meaning is conveyed through human-made structures of land by First Nations, Métis, or Inuit and people from other parts of the world.</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Texts are situated in and can be influenced by specific historical, social, and cultural contexts. Historical contexts include time and place</p> <p>Gr. 6 Comprehension: Contexts can change and affect how texts are understood</p> <p>Gr. 6 Comprehension: Artifacts as texts can provide insights into contexts of people, time, or place</p> <p>Gr. 6 Writing: Word choice can reflect the author’s voice or style, including in texts that express opinions (e.g., personal responses, opinion statements)</p> <p>Gr. 6 Writing: The selection of digital or non-digital tools for written works can be adapted according to audience, purpose, form, or context</p>	<p>Social Studies Gr. 5 Time and Place: Ancient civilizations were complex societies that existed thousands of years ago (3000 BCE–500 CE) in different locations around the world; for example, Egypt, Greece, Rome, China</p> <p>Social Studies Gr. 5 Systems: Technological innovations contributed to the success of civilizations and empires; for example, writing systems</p> <p>Social Studies Gr. 5 Citizenship: The enduring legacies of civilizations and empires are still evident today; for example, writing systems</p>

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			Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)	
D15	Green Energy (fictional energy company)	<i>il-, ir- im-, in-*</i> prefixes	<p>Review of Gr. 3 Vocabulary: Prefix <i>in-</i></p> <p>Gr. 6 Text Forms and Structures: Advertisement</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Comprehension strategies can be used to interpret and respond to increasingly complex texts and include inferring, making connections, synthesizing, evaluating</p> <p>Gr. 6 Comprehension: Authors or text creators may present information to deliberately influence an audience’s beliefs, perspectives, values, or understandings, such as advertising or social media</p> <p>Gr. 6 Writing: Planning can help organize thoughts and prioritize information and includes consideration of audience, purpose, and form</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	<p>Science Gr. 4 Earth Systems: Conservation is the preservation and protection of Earth’s systems from pollution, depletion, or extinction</p> <p>Science Gr. 4 Earth Systems: Conservation can be practised through personal actions, including use of electricity (e.g., turning off lights when leaving a room); use of water (e.g., taking shorter showers); reducing waste (e.g., using reusable packaging)</p> <p>Science Gr. 5 Energy: Investigate and analyze various energy resources</p> <p>Physical Education and Wellness Gr. 5 Financial Literacy: A consumer is an individual who purchases good and services. Factors that can influence consumer choice include advertising. When purchasing good and services, individuals have the ability to make choices.</p> <p>Science Gr. 6 Energy: Factors that influence selection of energy resources include availability and accessibility, societal impacts, economic impacts, environmental impacts.</p> <p>Science Gr. 6 Energy: Investigate energy resources and explain factors that influence their use</p>
D16	Paddle into the Past (Métis Crossing)	<i>port</i> root	Review of Gr. 3 Text Forms and Structures: Text features can be digital or nondigital, including maps	Social Studies Gr. 3 Time and Place: Explore how diverse people contribute to the identity of Alberta

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
		<p><i>trans</i>-* prefix</p> <p>-<i>ation</i> suffix</p>	<p>Gr. 5 Text Forms and Structures: Land can be understood through personal connections to its features, such as living things in the natural world, human-made structures, patterns and cycles, stories of place</p> <p>Review of Gr. 5 Vocabulary: Affixes change the meaning of a word when applied to a base and include <i>trans</i>-</p> <p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Text Forms and Structures: Human-made structures of land convey meaning; Describe how meaning is conveyed through human-made structures of land by First Nations, Métis, or Inuit and people from other parts of the world</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Words that are specific to First Nations, Métis, and Inuit languages can be found in the people, places, and things that surround us</p> <p>Gr. 6 Vocabulary: Prefixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Vocabulary: Suffixes change the meaning of a word when applied to a base</p> <p>Gr. 6 Comprehension: Comprehension strategies can be used to interpret and respond to increasingly complex texts and include inferring, making connections, summarizing, synthesizing, and evaluating</p>	<p>Social Studies Gr. 4 Systems: Examine how the fur trade contributed to the development of Canada</p> <p>Science Gr. 4 Earth Systems: Governments, conservation groups, and First Nations, Métis, and Inuit communities collaborate with Parks Canada to conserve, restore, and protect Canada’s natural and cultural heritages through initiatives such as culture camps, land management and preservation of important sites, and cultural centres</p> <p>Science Gr. 6 Scientific Methods: First Nations, Métis, and Inuit share explanations of natural phenomena through written texts, traditional knowledge, visual forms, verbal presentations, stories and legends</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
			<p>Gr. 6 Writing: Planning can help organize thoughts and prioritize information and includes consideration of audience, purpose, and form</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D17	Noel's Space Blog	<i>astro (aster)</i> root	<p>Gr. 6 Text Forms and Structures: Blog</p> <p>Gr. 6 Vocabulary: Many words with Greek or Latin roots are still in use today</p> <p>Gr. 6 Vocabulary: Vocabulary is contextual and influenced by emerging or changing conditions, including technology; Examine words or sayings that are new to the English language and are based on recent innovations or changes in society.</p> <p>Gr. 6 Comprehension: Making text to self, text to text, and text to world connections can support analyzing, summarizing, and synthesizing texts</p> <p>Gr. 6 Comprehension: Authors can explicitly and implicitly share perspectives through text creation</p> <p>Gr. 6 Writing: Planning can help organize thoughts and prioritize information and includes consideration of audience, purpose, and form</p> <p>Gr. 6 Writing: Word choice can reflect the author's voice or style including in texts that express opinions.</p> <p>Gr. 6 Writing: Tone expresses the text creator's attitude toward or feelings about the topic and audience</p>	<p>Science Gr. 4 Space: Technologies for viewing objects in space include telescopes</p> <p>Science Gr. 5 Scientific Methods: Phenomena that cannot be directly observed using the human senses can be observed and measured using technologies such as telescopes</p> <p>Science Gr. 5 Space: Investigate and interpret astronomical phenomena</p> <p>Science Gr. 6 Space: Analyze and represent celestial bodies of the solar system</p>

Card	Title (Topic)	Focus/Additional Morpheme(s)	ELAL Curriculum	STEAM and Other Curricula
			<p>Gr. 6 Writing: The selection of digital or non-digital tools for written works can be adapted according to audience, purpose, form, or context</p> <p>Gr. 6 Conventions: Spelling accuracy can involve understanding how words are created by manipulating prefixes and suffixes to a base (derivation)</p>	
D18	Exploring the Cosmos REVIEW CARD (D13–D17)	<p><i>-ize</i></p> <p><i>graph- scribe (script)</i></p> <p><i>il-, ir- port- astro (aster)</i></p>	<p>Gr. 6 Text Forms and Structures: Informational text</p> <p>Gr. 6 Vocabulary</p> <p>Gr. 6 Comprehension</p> <p>Gr. 6 Conventions</p>	<p>Science Gr. 4 Space: Technologies for viewing objects in space include telescopes</p> <p>Science Gr. 5 Scientific Methods: Phenomena that cannot be directly observed using the human senses can be observed and measured using technologies such as telescopes</p> <p>Science Gr. 5 Space: Investigate and interpret astronomical phenomena</p> <p>Science Gr. 6 Space: Analyze and represent celestial bodies of the solar system</p>

Focus morphemes are in **bold**.

ELAL outcomes that match morphemes on the card are in **bold**.

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