

3º

2018-2019

Thematic Scope and Sequence
English Pathway





Health and Well-being

Third Grade

Magnetik **Understanding:**
Developing healthy habits has lifelong benefits.

Magnetik **Question:**
What factors influence our health?

Global **Issue:**
Unhealthy habits

Challenge-**Action Question:**
What can I do to promote healthy habits in my community?



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Knotion Subject	Topic	Learning Outcome	Content	
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Identifies habits for good health. 	<ul style="list-style-type: none"> • Proper hygiene, enough sleep, exercise, balanced diet 	
		<ul style="list-style-type: none"> • Understands some obvious causes of diseases and knows that vaccines keep him/her of getting ill. 	<ul style="list-style-type: none"> • Diseases caused by virus, vaccines to keep healthy 	
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Understands what constitutes the short vowel sound. 	<ul style="list-style-type: none"> • Short vowels a /æ/, e /ɛ/, i /ɪ/, o /ɒ/, u /ʊ/ 	
		<ul style="list-style-type: none"> • Understands what constitutes the long vowel sound o. 	<ul style="list-style-type: none"> • Long o: o, ow, o_e, oa, oe /oʊ/ 	
		<ul style="list-style-type: none"> • Correctly pronounces and writes words with final e. 	<ul style="list-style-type: none"> • Final e 	
		<ul style="list-style-type: none"> • Understands what constitutes the long vowel sound a. 	<ul style="list-style-type: none"> • Long a /eɪ/ 	
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Distinguishes between complete sentences and sentence fragments. 	<ul style="list-style-type: none"> • Sentences and fragments 	
		<ul style="list-style-type: none"> • Identifies the subject and predicate of a sentence 	<ul style="list-style-type: none"> • Subjects and predicates (complete) 	
		<ul style="list-style-type: none"> • Uses different types of sentences: exclamations and commands. 	<ul style="list-style-type: none"> • Commands and exclamations 	
		<ul style="list-style-type: none"> • Identifies when a punctuation mark is needed. 	<ul style="list-style-type: none"> • Punctuation in sentences 	
	 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Understands that realistic fiction is about specific characters and some event in their lives. 	<ul style="list-style-type: none"> • Realistic fiction
		<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Creates mental images that reflect or represent the ideas in the text. 	<ul style="list-style-type: none"> • Visualization
<ul style="list-style-type: none"> • Identifies story elements including setting, characters, and plot. 			<ul style="list-style-type: none"> • Characters, setting, and plot 	
<ul style="list-style-type: none"> • Asks and answers questions to demonstrate understanding of a text. 			<ul style="list-style-type: none"> • Asking and answering questions 	
<ul style="list-style-type: none"> • Describes how a narrator's or speaker's point of view influences how events are described. 			<ul style="list-style-type: none"> • Author's point of view 	
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes narratives in which sequenced events are related. 	<ul style="list-style-type: none"> • Narrative writing 	
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Retells, paraphrases, or explains information in logical sequence. 	<ul style="list-style-type: none"> • Sequence in narration 	
		<ul style="list-style-type: none"> • Speaks coherently about the topic employing the conventions of language to communicate ideas effectively. 	<ul style="list-style-type: none"> • Using appropriate facts and relevant, descriptive details; speaking clearly at an understandable pace to report on a topic, tell a story, or recount an experience 	
		<ul style="list-style-type: none"> • Interprets the content of a story 	<ul style="list-style-type: none"> • Content of a story 	
		<ul style="list-style-type: none"> • Records an audio story. 	<ul style="list-style-type: none"> • Recording a story 	

Scientific Perspective



Knotion Subject	Topic	Learning Outcome	Content
 Life Science	<ul style="list-style-type: none"> • Health 	<ul style="list-style-type: none"> • Identifies habits for good health. 	<ul style="list-style-type: none"> • Proper hygiene, enough sleep, exercise, balanced diet
		<ul style="list-style-type: none"> • Understands some obvious causes of diseases and knows that vaccines keep one from getting ill. 	<ul style="list-style-type: none"> • Diseases caused by virus, vaccines to keep healthy
		<ul style="list-style-type: none"> • Identifies practices to keep the respiratory and circulatory systems healthy. 	<ul style="list-style-type: none"> • Respiratory and circulatory systems
	<ul style="list-style-type: none"> • Organisms' Structures and Processes 	<ul style="list-style-type: none"> • Explains the functions of the organs of the circulatory and respiratory systems. 	<ul style="list-style-type: none"> • Organs of the circulatory and respiratory systems
	<ul style="list-style-type: none"> • Identifies body structures and related systems to look after themselves on a permanent basis. 	<ul style="list-style-type: none"> • Body structures and related systems 	

Social Participation



Knotion Subject	Topic	Learning Outcome	Content
 Citizenship Awareness	<ul style="list-style-type: none"> • Civic Ideals, Cultural Principles, and Ethics 	<ul style="list-style-type: none"> • Discusses how decisions are influenced by personal habits. 	<ul style="list-style-type: none"> • Habits and choices
 Historical Awareness	<ul style="list-style-type: none"> • Historical Cultural Heritage 	<ul style="list-style-type: none"> • Identifies similarities and differences between the lifestyles and habits of people in the past and present. 	<ul style="list-style-type: none"> • People's lifestyles and habits in the past



Biomes and Ecosystems

Third Grade

Magnetik **Understanding:**
Living beings need specific resources to survive.

Magnetik **Question:**
Why is it important to protect natural resources?

Global **Issue:**
Inadequate use of natural resources

Challenge-**Action Question:**
How can I use natural resources responsibly?



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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> • High-frequency words
		<ul style="list-style-type: none"> • Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> • Challenge words
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Identifies and uses three letter blends. 	<ul style="list-style-type: none"> • Three letter blends
		<ul style="list-style-type: none"> • Correctly pronounces and writes words with the silent letters. 	<ul style="list-style-type: none"> • Words with silent letters
		<ul style="list-style-type: none"> • Understands what constitutes the long vowel sound e. 	<ul style="list-style-type: none"> • Long e /i/
		<ul style="list-style-type: none"> • Creates and uses plural nouns. 	<ul style="list-style-type: none"> • Plurals
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Identifies nouns as words that represent things, people, and places. 	<ul style="list-style-type: none"> • Nouns
		<ul style="list-style-type: none"> • Determines whether a noun is common or proper. 	<ul style="list-style-type: none"> • Proper vs. common nouns
		<ul style="list-style-type: none"> • Understands countable and uncountable nouns. 	<ul style="list-style-type: none"> • Countable vs. uncountable
		<ul style="list-style-type: none"> • Understands abstract and concrete nouns. 	<ul style="list-style-type: none"> • Abstract vs. concrete
 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Understands that myths are traditional stories concerning the early history of a people or explaining natural or social phenomena, and typically involve supernatural beings or events. 	<ul style="list-style-type: none"> • Myths
	<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Determines the theme of a story, drama, or poem from details in the text. 	<ul style="list-style-type: none"> • Theme
		<ul style="list-style-type: none"> • Explains what might happen next in a story or what the author may tell next. 	<ul style="list-style-type: none"> • Making, confirming, and revising predictions
		<ul style="list-style-type: none"> • Identifies story elements including, setting, characters, and plot. 	<ul style="list-style-type: none"> • Characters, setting, and plot
<ul style="list-style-type: none"> • Identifies problems and solutions in a story. 	<ul style="list-style-type: none"> • Problem and solution 		
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes a research report that defines the topic, gathers information, determines credibility, and reports findings. 	<ul style="list-style-type: none"> • Research writing
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Summarizes information in logical sequence with a beginning, middle, and end and an effective introduction and conclusion. 	<ul style="list-style-type: none"> • Oral summary
		<ul style="list-style-type: none"> • Speaks coherently about the topic employing the conventions of language to communicate ideas effectively. 	<ul style="list-style-type: none"> • Using appropriate facts and relevant, descriptive details • Speaking clearly at an understandable pace to report on a topic, tell a story, or recount an experience
		<ul style="list-style-type: none"> • Shares expectations in a dialogue. 	<ul style="list-style-type: none"> • Content of a dialogue



Knotion Subject	Topic	Learning Outcome	Content
 Life Science	<ul style="list-style-type: none"> Ecology 	<ul style="list-style-type: none"> Explains how animals and plants interact and depend on the environment and vice versa. 	<ul style="list-style-type: none"> Animal and plant interaction with the environment
	<ul style="list-style-type: none"> Organisms' Structures and Processes 	<ul style="list-style-type: none"> Understands that plants have life cycles. 	<ul style="list-style-type: none"> Sprouting, growing to full size, forming fruits and flowers, shedding seeds (which begins a new cycle), and eventually dying
	<ul style="list-style-type: none"> Rocks and Soil 	<ul style="list-style-type: none"> Knows that some changes on the Earth's surface are due to either slow or rapid processes. 	<ul style="list-style-type: none"> Soil formation from nonliving and once-living materials Plant nutrients in humus
	<ul style="list-style-type: none"> Rocks and Soil 	<ul style="list-style-type: none"> Understands how soil is organized. 	<ul style="list-style-type: none"> Soil layers: topsoil, subsoil, and bedrock
	<ul style="list-style-type: none"> Rocks and Soil 	<ul style="list-style-type: none"> Compares different kinds of minerals and identifies them by their physical properties. 	<ul style="list-style-type: none"> Physical properties of minerals: color, luster, streak, and hardness
	<ul style="list-style-type: none"> Rocks and Soil 	<ul style="list-style-type: none"> Defines and describes how the three major types of rocks are formed. 	<ul style="list-style-type: none"> Physical properties of rocks: igneous, sedimentary, metamorphic



Knotion Subject	Topic	Learning Outcome	Content
 Environmental Awareness	<ul style="list-style-type: none"> Human Interaction With the Environment 	<ul style="list-style-type: none"> Analyzes the implication of lack of water in community life. 	<ul style="list-style-type: none"> Water as an essential element for life; problems of water supply and sanitation; access to safe drinking water
		<ul style="list-style-type: none"> Recognizes human interaction with the environment. 	<ul style="list-style-type: none"> Relationship of humans with their environment



Science, Technology, and Innovation

Third Grade

Magnetik **Understanding:**

Health care has improved due to technological advances.

Magnetik **Question:**

How does technology aid health care?

Global **Issue:**

Excessive use of technology

Challenge-**Action Question:**

How can I use technology to improve my physical and emotional health?



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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> Word Knowledge 	<ul style="list-style-type: none"> Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> High-frequency words
		<ul style="list-style-type: none"> Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> Challenge words
	<ul style="list-style-type: none"> Phonics 	<ul style="list-style-type: none"> Identifies the spelling-sound correspondences for the consonant digraphs ch, sh, th. 	<ul style="list-style-type: none"> Consonants digraphs ch /tʃ/, sh /ʃ/, th /θ/ /ð/
		<ul style="list-style-type: none"> Knows and applies grade level phonics. 	<ul style="list-style-type: none"> Prefixes re-, dis-, mis-
		<ul style="list-style-type: none"> Identifies the sound spelling relationships of r-controlled vowel patterns. 	<ul style="list-style-type: none"> R-controlled vowels: ir er, ur, ear, or /ɝr/
		<ul style="list-style-type: none"> Writes and spells words containing diphthongs. 	<ul style="list-style-type: none"> Diphthongs oi /ɔɪ/ and /oʊ/
	<ul style="list-style-type: none"> Structure and Function 	<ul style="list-style-type: none"> Uses present progressive tense with contractions to express an idea happening at the moment of speaking. 	<ul style="list-style-type: none"> Present progressive tense
		<ul style="list-style-type: none"> Uses past simple and past progressive tenses for describing an action interrupted by another action. 	<ul style="list-style-type: none"> Past simple and past progressive tenses
		<ul style="list-style-type: none"> Demonstrates and understands the present progressive tense for fixed arrangements. 	<ul style="list-style-type: none"> Present progressive tense
		<ul style="list-style-type: none"> Understands the use of action verbs and linking verbs. 	<ul style="list-style-type: none"> Linking and action verbs
 Reading Skills	<ul style="list-style-type: none"> Genre 	<ul style="list-style-type: none"> Understands that the purpose of expository nonfiction is to teach readers about a specific topic in an interesting way. 	<ul style="list-style-type: none"> Expository nonfiction
	<ul style="list-style-type: none"> Strategies and Skills 	<ul style="list-style-type: none"> Identifies the author's purpose (example: to inform, entertain, or explain) in text. 	<ul style="list-style-type: none"> Author's purpose
		<ul style="list-style-type: none"> Identifies the main idea of a story and the details that support it. 	<ul style="list-style-type: none"> Main idea and key details
		<ul style="list-style-type: none"> Asks and answers questions to demonstrate understanding of a text. 	<ul style="list-style-type: none"> Asking and answering questions
		<ul style="list-style-type: none"> Summarizes a story using the most important events and supporting details. 	<ul style="list-style-type: none"> Summarizing
 Writing Workshop	<ul style="list-style-type: none"> Writing Strategy 	<ul style="list-style-type: none"> Writes to express an opinion and focuses on convincing readers to agree or evaluate something. 	<ul style="list-style-type: none"> Persuasive writing
 Communication	<ul style="list-style-type: none"> Oral Communication 	<ul style="list-style-type: none"> Speaks clearly, accurately, and fluently using appropriate delivery for a variety of audiences and purposes. 	<ul style="list-style-type: none"> Speaking to an audience
		<ul style="list-style-type: none"> Speaks coherently about a topic employing the conventions of language to communicate ideas effectively. 	<ul style="list-style-type: none"> Using appropriate facts and relevant, descriptive details Speaking clearly at an understandable pace to report on a topic, tell a story, or recount an experience



Knotion Subject	Topic	Learning Outcome	Content
 Physical Science	<ul style="list-style-type: none"> • Motion, Forces, and Interactions 	<ul style="list-style-type: none"> • Understands that certain tools and technology make work easier. 	<ul style="list-style-type: none"> • Simple machines
 Life Science	<ul style="list-style-type: none"> • Organisms' Structures and Processes 	<ul style="list-style-type: none"> • Describes negative side effects of technology use. 	<ul style="list-style-type: none"> • Human health issues due to the abuse of technological devices, (examples: obesity, isolation, poor sleep habits, stress)
	<ul style="list-style-type: none"> • Health 	<ul style="list-style-type: none"> • Describes positive effects of technology use. 	<ul style="list-style-type: none"> • Use of technology to improve physical and emotional health
	<ul style="list-style-type: none"> • Health 	<ul style="list-style-type: none"> • Classifies the interactions between the skeletal and muscular systems. 	<ul style="list-style-type: none"> • The skeletal and muscular systems
	<ul style="list-style-type: none"> • Health 	<ul style="list-style-type: none"> • Identifies practices to keep bones and muscles healthy. 	<ul style="list-style-type: none"> • Healthy habits such as diet, rest, and age-appropriate exercise



Knotion Subject	Topic	Learning Outcome	Content
 Citizenship Awareness	<ul style="list-style-type: none"> • Civic Ideals, Cultural Principles and Ethics 	<ul style="list-style-type: none"> • Understands the ethical issues surrounding the access and use of digital media. 	<ul style="list-style-type: none"> • Strategies to discover inappropriate behavior and to protect themselves from possible online dangers
		<ul style="list-style-type: none"> • Understands how the Internet works and can be used for communication and collaboration. 	<ul style="list-style-type: none"> • Uses of technologies and media to help collaboration and communication



Origins and Cultural Diversity

Third Grade

Magnetik **Understanding:**
Cultural diversity enriches society.

Magnetik **Question:**
Why is it important to value cultural diversity in our country?

Global **Issue:**
Intolerance toward cultural diversity

Challenge-**Action Question:**
How can I help promote cultural diversity in my community?



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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> • High-frequency words
		<ul style="list-style-type: none"> • Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> • Challenge words
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Identifies spelling-sound correspondences. 	<ul style="list-style-type: none"> • Variant Vowel au, aw, ait, all, alk /æ/
		<ul style="list-style-type: none"> • Recognizes soft c and soft g spelling patterns. 	<ul style="list-style-type: none"> • Soft c /s/ and g /dʒ/
		<ul style="list-style-type: none"> • Understands what constitutes different vowel sounds of the letter u. 	<ul style="list-style-type: none"> • Spellings oo, u, u_e, ew, ue, ui, oo, ou, u, and sounds /u/ /ju/ /ʊ/
		<ul style="list-style-type: none"> • Forms plurals by adding -s, -es, -ies, -ves to nouns. 	<ul style="list-style-type: none"> • Plural nouns
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Expresses ability with modal verbs. 	<ul style="list-style-type: none"> • Modal verbs: can, can't, could, couldn't
		<ul style="list-style-type: none"> • Identifies and makes different contractions. 	<ul style="list-style-type: none"> • Contractions with not
		<ul style="list-style-type: none"> • Identifies action and helping verbs. 	<ul style="list-style-type: none"> • Action and helping verbs
		<ul style="list-style-type: none"> • Applies regular and irregular verbs correctly in speech and writing. 	<ul style="list-style-type: none"> • Irregular verbs
 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Understands that a biography is a sequence of true events in a person's life. 	<ul style="list-style-type: none"> • Biography
	<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Summarizes a story using the most important events and supporting details. 	<ul style="list-style-type: none"> • Summarizing
		<ul style="list-style-type: none"> • Retells important events in sequential order. 	<ul style="list-style-type: none"> • Sequence
		<ul style="list-style-type: none"> • Asks and answers questions to demonstrate understanding of a text. 	<ul style="list-style-type: none"> • Asking and answering questions
		<ul style="list-style-type: none"> • Describes how a narrator's or speaker's point of view influences how events are described. 	<ul style="list-style-type: none"> • Author's point of view
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes opinion pieces on topics or texts supporting a point of view with facts and details. 	<ul style="list-style-type: none"> • Opinion writing
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Retells, paraphrases, or explains information in logical sequence. 	<ul style="list-style-type: none"> • Giving a demonstration
		<ul style="list-style-type: none"> • Listens attentively to speakers, asks relevant questions, and makes pertinent comments. 	<ul style="list-style-type: none"> • Effective collaboration as group members who listen actively and respectfully communicate both informally and formally
		<ul style="list-style-type: none"> • Describes activities done in a celebration or a party. 	<ul style="list-style-type: none"> • Describing activities



Knotion Subject	Topic	Learning Outcome	Content
 Physical Science	<ul style="list-style-type: none"> Matter and Its Interactions 	<ul style="list-style-type: none"> Observes and describes the properties of matter. Relates that the weight of an object is equal to the sum of the weight of its parts. Describes ways matter can undergo a physical change. Understands that states of matter change as a result of heating or cooling. Experiments tools to measure temperature. 	<ul style="list-style-type: none"> Properties of matter Mass, weight, and volume Physical changes Changes in matter due to temperature Different types of thermometers to measure the temperature of soil, water, and air



Knotion Subject	Topic	Learning Outcome	Content
 Citizenship Awareness	<ul style="list-style-type: none"> Civic Ideals, Cultural Principles, and Ethics 	<ul style="list-style-type: none"> Understands that special events turn common people with outstanding values and attitudes into leaders. Identifies and analyzes common discriminatory situations in everyday life. Understands that minority cultural groups have the same civil rights as majority cultural groups. 	<ul style="list-style-type: none"> Characteristics of leadership and leaders Common discriminatory situations in social systems (example: schools, media, religions, families) Minority cultural groups and their rights
 Historical Awareness	<ul style="list-style-type: none"> Causes and Consequences of Historical Events 	<ul style="list-style-type: none"> Understands how contributions made by various cultural groups have shaped the history of the community and world. 	<ul style="list-style-type: none"> Contributions that people from other countries and immigrants have made to art, food, music, literature, and sports in their community



Productivity and Economy

Third Grade

Magnetik **Understanding:**
Social conditions affect economic behaviors.

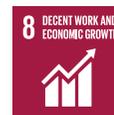
Magnetik **Question:**
How are prices determined?

Global **Issue:**
Economic inequality

Challenge-**Action Question:**
What can I do to make goods affordable for everybody?

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knowledge in action

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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> • High-frequency words
		<ul style="list-style-type: none"> • Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> • Challenge words
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Correctly uses homophones. 	<ul style="list-style-type: none"> • Homophones
		<ul style="list-style-type: none"> • Identifies closed syllables. 	<ul style="list-style-type: none"> • Closed syllables
		<ul style="list-style-type: none"> • Identifies open syllables. 	<ul style="list-style-type: none"> • Open syllables
		<ul style="list-style-type: none"> • Identifies when to change a final y to i before adding -ed and -s. 	<ul style="list-style-type: none"> • Inflectional endings -ed and -s
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Combines similar elements such as verbs in sentences. 	<ul style="list-style-type: none"> • Combining sentences with verbs
		<ul style="list-style-type: none"> • Combines ideas to form complex sentences. 	<ul style="list-style-type: none"> • Complex sentences
		<ul style="list-style-type: none"> • Uses commas to connect sentences. 	<ul style="list-style-type: none"> • Commas in sentences
		<ul style="list-style-type: none"> • Uses capitalization and punctuation in uninterrupted dialogue. 	<ul style="list-style-type: none"> • Commas and quotations marks in dialogue
 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Understands that historical fiction is a genre based on real historical events, but in which the characters are not real, and the minor events may not be realistic. 	<ul style="list-style-type: none"> • Historical fiction
	<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Explains what might happen next in a story or what the author may tell next. 	<ul style="list-style-type: none"> • Making, confirming, and revising predictions
		<ul style="list-style-type: none"> • Creates mental images that reflect or represent the ideas in the text. 	<ul style="list-style-type: none"> • Visualization
		<ul style="list-style-type: none"> • Identifies story elements including setting, characters, and plot. 	<ul style="list-style-type: none"> • Characters, setting, and plot
		<ul style="list-style-type: none"> • Identifies statements that show cause and effect and understands the difference between them. 	<ul style="list-style-type: none"> • Cause and effect
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes a research report that defines the topic, gathers information, determines credibility, and reports findings. 	<ul style="list-style-type: none"> • Research writing
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Summarizes information in logical sequence with a beginning, middle, and end with an effective introduction and conclusion. 	<ul style="list-style-type: none"> • Oral summary
<ul style="list-style-type: none"> • Presents clear ideas in a style appropriate to the context using an effective logical structure. 		<ul style="list-style-type: none"> • Sentences appropriate to task and situation in order to provide requested details or clarification 	
<ul style="list-style-type: none"> • Understands and shares expressions to obtain what is necessary. 		<ul style="list-style-type: none"> • Expressions 	
<ul style="list-style-type: none"> • Understands and expresses wishes and needs. 		<ul style="list-style-type: none"> • Needs and wants 	



Knotion Subject	Topic	Learning Outcome	Content
 Physical Science	<ul style="list-style-type: none"> • Matter and Its Interactions 	<ul style="list-style-type: none"> • Understands that different materials are made by physically combining substances and that different objects can be made by combining different materials. 	<ul style="list-style-type: none"> • Matter combined with other matter
		<ul style="list-style-type: none"> • Identifies mixtures and understands that mixtures can be created for different purposes. 	<ul style="list-style-type: none"> • Mixtures and solutions
		<ul style="list-style-type: none"> • Distinguishes tools and utensils to separate mixtures. 	<ul style="list-style-type: none"> • Different tools to separate different mixtures
		<ul style="list-style-type: none"> • Understands that by chemically combining two or more substances, materials may have properties that differ from the original materials. 	<ul style="list-style-type: none"> • Chemical changes



Knotion Subject	Topic	Learning Outcome	Content
 Productivity Awareness	<ul style="list-style-type: none"> • Economic Concepts and Activities 	<ul style="list-style-type: none"> • Understands that markets are places where buyers and sellers exchange goods and services. 	<ul style="list-style-type: none"> • Definition and characteristics of markets
		<ul style="list-style-type: none"> • Defines and explains general economic concepts such as supply and demand. 	<ul style="list-style-type: none"> • Scarcity, supply and demand, costs and benefits, goods and services, buy and sell, consume and produce
		<ul style="list-style-type: none"> • Understands that supply or demand can change over time affecting price. 	<ul style="list-style-type: none"> • Price related to supply and demand
		<ul style="list-style-type: none"> • Recognizes that the word "salary" comes from the times when salt was an expensive item. 	<ul style="list-style-type: none"> • Salary and wages
		<ul style="list-style-type: none"> • Uses creative ways to increase demand. 	<ul style="list-style-type: none"> • Offering something your market values, promotions, in-store demonstrations, price reductions



Power, Authority, and Civil Ideals

Third Grade

Magnetik **Understanding:**
All children have the same rights.

Magnetik **Question:**
What happens when children's rights are not respected?

Global **Issue:**
Children's rights violations

Challenge-**Action Question:**
How can I promote and enforce children's rights in my community?

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knowledge in action

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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> • High-frequency words
		<ul style="list-style-type: none"> • Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> • Challenge words
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Identifies and writes words that contain the inflectional ending -ing. 	<ul style="list-style-type: none"> • Inflectional ending -ing.
		<ul style="list-style-type: none"> • Reads and forms words that contain consonant -le. 	<ul style="list-style-type: none"> • Consonant + le syllable /əl/
		<ul style="list-style-type: none"> • Recognizes and pronounces pairs of vowels. 	<ul style="list-style-type: none"> • Vowel teams in the middle of syllables: aw, au, /ɔ:/ and ew, eu. /u:/ /ju:/
		<ul style="list-style-type: none"> • Relates r-controlled spelling patterns with different vowels. 	<ul style="list-style-type: none"> • R- controlled vowels ar, er, ir, or, ur /ɝr/
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Understands when to use articles with nouns. 	<ul style="list-style-type: none"> • Articles
		<ul style="list-style-type: none"> • Understands and uses adjectives as words that modify and provide characteristics about nouns. 	<ul style="list-style-type: none"> • Adjectives
		<ul style="list-style-type: none"> • Understands and uses comparative adjectives with -er and more. 	<ul style="list-style-type: none"> • Adjectives that compare
		<ul style="list-style-type: none"> • Recognizes proper nouns and proper adjectives that should be capitalized. 	<ul style="list-style-type: none"> • Capitalization (proper nouns and proper adjectives)
 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Understands that nonfiction narrative presents factual matter in a narrative style using literary techniques. 	<ul style="list-style-type: none"> • Narrative: nonfiction (example: illustrated monographs of musical instruments)
	<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Asks and answers questions to demonstrate understanding of a text. 	<ul style="list-style-type: none"> • Asking and answering questions
		<ul style="list-style-type: none"> • Retells important events in sequential order. 	<ul style="list-style-type: none"> • Sequence
		<ul style="list-style-type: none"> • Summarizes a story using the most important events and supporting details. 	<ul style="list-style-type: none"> • Summarizing
		<ul style="list-style-type: none"> • Identifies the main idea of a story and the details that support it. 	<ul style="list-style-type: none"> • Main idea and key details
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes clear step-by-step instructions. 	<ul style="list-style-type: none"> • Instructive writing, how to make a drum or other musical instruments.
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Follows, restates, and gives oral instructions that involve a series of related sequences of action. 	<ul style="list-style-type: none"> • Giving and following directions
		<ul style="list-style-type: none"> • Participates in the design and writing of information in a graph about musical instruments. 	<ul style="list-style-type: none"> • Writing about musical instruments and sound
		<ul style="list-style-type: none"> • Follows, restates, and gives oral instructions that involve a series of related sequences of action. 	<ul style="list-style-type: none"> • Sentences appropriate to task and situation in order to provide requested detail or clarification



Knotion Subject	Topic	Learning Outcome	Content
 Physical Science	<ul style="list-style-type: none"> Forces and Motion 	<ul style="list-style-type: none"> Understands that sound is caused by vibrations (pushing and pulling) to cause waves. 	<ul style="list-style-type: none"> Sound vibrations
		<ul style="list-style-type: none"> Explores how things make sound. 	<ul style="list-style-type: none"> Sound (example: rubber bands, tuning fork, strings)
		<ul style="list-style-type: none"> Understands that properties of sound such as pitch and loudness can be altered by changing the properties of the sound source. 	<ul style="list-style-type: none"> High and low pitch and vibrations
		<ul style="list-style-type: none"> Explores and describes sounds produced by vibrating objects. 	<ul style="list-style-type: none"> Sounds (example: high, low, soft, loud)
 Life Science	<ul style="list-style-type: none"> Organisms' Structures and Processes 	<ul style="list-style-type: none"> Identifies the different parts of the human ear and explains how it works. 	<ul style="list-style-type: none"> Inner, middle, and outer ear
	<ul style="list-style-type: none"> Health 	<ul style="list-style-type: none"> Recognizes that long exposure to very loud sounds causes changes in the structures of the ear, and eventually, the loss of hearing. 	<ul style="list-style-type: none"> Hearing damage risk due to noise exposure



Knotion Subject	Topic	Learning Outcome	Content
 Citizenship Awareness	<ul style="list-style-type: none"> Government Organization, Laws, and Political Systems 	<ul style="list-style-type: none"> Identifies children's rights and analyzes the importance of safeguarding them. 	<ul style="list-style-type: none"> Importance of universal children's rights
		<ul style="list-style-type: none"> Discusses the effects and consequences when children's rights are not fulfilled. 	<ul style="list-style-type: none"> Effects and consequences when children's rights are not fulfilled
		<ul style="list-style-type: none"> Identifies people and organizations that are in charge of safeguarding children's rights. 	<ul style="list-style-type: none"> Organizations in charge of supporting and guaranteeing children's rights
	<ul style="list-style-type: none"> International Relationships and Foreign Policy. 	<ul style="list-style-type: none"> Recognizes situations and places where children's rights are not guaranteed. 	<ul style="list-style-type: none"> Different countries and situations in which children's rights are not guaranteed



Crisis and Conflict Resolution

Third Grade

Magnetik **Understanding:**

Dialogue and agreements help solve conflicts in a peaceful way.

Magnetik **Question:**

How do different parties work together to solve a conflict?

Global **Issue:**

Violence

Challenge-**Action Question:**

What can I do to solve conflicts peacefully?



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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> Word Knowledge 	<ul style="list-style-type: none"> Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> High-frequency words
		<ul style="list-style-type: none"> Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> Challenge words
	<ul style="list-style-type: none"> Phonics 	<ul style="list-style-type: none"> Determines the meanings of words with the suffixes -er, -or, -ess, -ist. 	<ul style="list-style-type: none"> Suffixes -er, -or /ər/, -ess /ɛs/, -ist /ɪst/
		<ul style="list-style-type: none"> Determines the meanings of words with the prefixes pre-, over-, un-, out-. 	<ul style="list-style-type: none"> Prefixes pre-, over-, un-, out-
		<ul style="list-style-type: none"> Correctly pronounces and writes words with the silent consonant combinations 	<ul style="list-style-type: none"> Silent Consonant Combinations wr, kn, st, mb, gn
		<ul style="list-style-type: none"> Correctly pronounces and writes words with the soft g, hard c, and ch digraph sounds. 	<ul style="list-style-type: none"> Consonant sounds g, j, dge /dʒ/, and k, ck /k/, ch /tʃ/
	<ul style="list-style-type: none"> Structure and Function 	<ul style="list-style-type: none"> Understands and uses pronouns. 	<ul style="list-style-type: none"> Pronouns
		<ul style="list-style-type: none"> Understands and uses subject and object pronouns. 	<ul style="list-style-type: none"> Subject and object pronouns
		<ul style="list-style-type: none"> Identifies and uses subjects and verbs that are in agreement. 	<ul style="list-style-type: none"> Pronoun verb agreement
		<ul style="list-style-type: none"> Understands and uses possessive pronouns. 	<ul style="list-style-type: none"> Possessive pronouns
 Reading Skills	<ul style="list-style-type: none"> Genre 	<ul style="list-style-type: none"> Understands that a narrative poem has a plot, climax, resolution and conclusion 	<ul style="list-style-type: none"> Narrative poetry
	<ul style="list-style-type: none"> Strategies and Skills 	<ul style="list-style-type: none"> Understands that some poems contain rhyming words at the end of certain lines. 	<ul style="list-style-type: none"> Rhythm and rhyme
		<ul style="list-style-type: none"> Creates a mental image that reflects or represents the ideas in the text. 	<ul style="list-style-type: none"> Visualizing
		<ul style="list-style-type: none"> Describes how a narrator's or speaker's point of view influences how events are described. 	<ul style="list-style-type: none"> Point of view
		<ul style="list-style-type: none"> Determines the theme of a story, drama, or poem from details in the text. 	<ul style="list-style-type: none"> Theme
 Writing Workshop	<ul style="list-style-type: none"> Writing Strategy 	<ul style="list-style-type: none"> Writes narratives to develop real or imagined experiences or events using details and well-structured event sequences. 	<ul style="list-style-type: none"> Creative writing
 Communication	<ul style="list-style-type: none"> Oral Communication 	<ul style="list-style-type: none"> Recites poems or songs, delivers dramatic recitations, interpretations, or performances. 	<ul style="list-style-type: none"> Present a Poem
		<ul style="list-style-type: none"> “Listens attentively to speakers, asks relevant questions, and makes pertinent comments. 	<ul style="list-style-type: none"> Effective collaboration as group members who listen actively and respectfully communicating both informally and formally



Knotion Subject	Topic	Learning Outcome	Content
 Earth Science	<ul style="list-style-type: none"> • Energy 	<ul style="list-style-type: none"> • Understands that energy is the ability to do work or cause change. 	<ul style="list-style-type: none"> • Energy
		<ul style="list-style-type: none"> • Classifies different forms of energy. 	<ul style="list-style-type: none"> • Heat, light, sound
		<ul style="list-style-type: none"> • Identifies that the Sun provides energy for the Earth in the form of heat and light. 	<ul style="list-style-type: none"> • The Sun as a source of energy
		<ul style="list-style-type: none"> • Understands that energy comes in different forms and can change from one form to another. 	<ul style="list-style-type: none"> • Energy changes
		<ul style="list-style-type: none"> • Understands that heat can be produced by chemical reactions, electrical machines, and friction. 	<ul style="list-style-type: none"> • Heat energy
		<ul style="list-style-type: none"> • Explores static electricity in terms of attraction and repulsion. 	<ul style="list-style-type: none"> • Electrical energy; positive and negative charges



Knotion Subject	Topic	Learning Outcome	Content
 Citizenship Awareness	<ul style="list-style-type: none"> • Civic Ideals, Cultural Principles, and Ethics 	<ul style="list-style-type: none"> • Practices respect and compromise in issues involving differences and conflicts. 	<ul style="list-style-type: none"> • Compromise and respect in conflict resolution
		<ul style="list-style-type: none"> • Compares feelings that can lead to empathy. 	<ul style="list-style-type: none"> • Feelings in conflict resolution
		<ul style="list-style-type: none"> • Role-plays and analyzes a model empathic behavior. 	<ul style="list-style-type: none"> • Empathic behavior in conflict resolution
		<ul style="list-style-type: none"> • Recognizes that a diversity of viewpoints benefits everyone. 	<ul style="list-style-type: none"> • Different points of view in conflict resolution



Environment and Sustainability

Third Grade

Magnetik **Understanding:**
Sustainable consumption is essential for future generations.

Magnetik **Question:**
Why is sustainable consumption essential?

Global **Issue:**
Irresponsible consumption

Challenge-**Action Question:**
How can I promote sustainability in my community?



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Knotion Subject	Topic	Learning Outcome	Content
 Language Mastery	<ul style="list-style-type: none"> • Word Knowledge 	<ul style="list-style-type: none"> • Acquires new grade-level vocabulary words in a variety of contexts. 	<ul style="list-style-type: none"> • High-frequency words
		<ul style="list-style-type: none"> • Acquires new vocabulary words related to the challenge. 	<ul style="list-style-type: none"> • Challenge words
	<ul style="list-style-type: none"> • Phonics 	<ul style="list-style-type: none"> • Recognizes VCCCV syllabic separation rules. 	<ul style="list-style-type: none"> • Syllables VCCCV
		<ul style="list-style-type: none"> • Correctly spells frequently misspelled words. 	<ul style="list-style-type: none"> • Frequently misspelled Words
		<ul style="list-style-type: none"> • Determines the meanings of Greek and Latin roots. 	<ul style="list-style-type: none"> • Greek and Latin Roots: bio, tract, spir, port roots.
		<ul style="list-style-type: none"> • Determines the meaning of Latin suffixes. 	<ul style="list-style-type: none"> • Latin Suffixes -al, -ial
	<ul style="list-style-type: none"> • Structure and Function 	<ul style="list-style-type: none"> • Understands and uses adverbs. 	<ul style="list-style-type: none"> • Adverbs
		<ul style="list-style-type: none"> • Uses adverbs of degree to describe the intensity of an action. 	<ul style="list-style-type: none"> • Adverbs of degree
<ul style="list-style-type: none"> • Identifies and uses time adverbials. 		<ul style="list-style-type: none"> • Time adverbials (when, how long, how often) 	
<ul style="list-style-type: none"> • Identifies and uses prepositions. 		<ul style="list-style-type: none"> • Prepositions 	
 Reading Skills	<ul style="list-style-type: none"> • Genre 	<ul style="list-style-type: none"> • Analyzes fables and understands their structure. 	<ul style="list-style-type: none"> • Fables
	<ul style="list-style-type: none"> • Strategies and Skills 	<ul style="list-style-type: none"> • Explains what might happen next in a story or what the author may tell next. 	<ul style="list-style-type: none"> • Making, confirming, and revising predictions
		<ul style="list-style-type: none"> • Determines the theme of a story, drama, or poem from details in the text. 	<ul style="list-style-type: none"> • Theme
		<ul style="list-style-type: none"> • Explains the function of fables to leave a moral message and finds it in fable examples. 	<ul style="list-style-type: none"> • Moral lessons in fables
	<ul style="list-style-type: none"> • Retells important events in sequential order. 	<ul style="list-style-type: none"> • Sequence (order a fable illustrated sequence) 	
 Writing Workshop	<ul style="list-style-type: none"> • Writing Strategy 	<ul style="list-style-type: none"> • Writes stories real or imagined using details and well-structured sequence of events. 	<ul style="list-style-type: none"> • Free writing
 Communication	<ul style="list-style-type: none"> • Oral Communication 	<ul style="list-style-type: none"> • Explains own ideas and understanding of the topic. 	<ul style="list-style-type: none"> • Using vocabulary to express ideas
		<ul style="list-style-type: none"> • Speaks coherently about the topic employing the conventions of language to communicate ideas effectively. 	<ul style="list-style-type: none"> • Using appropriate facts and relevant, descriptive details • Speaking clearly at an understandable pace to report on a topic, tell a story, or recount an experience
		<ul style="list-style-type: none"> • Listens to the fable that corresponds to an illustrated sequence. 	<ul style="list-style-type: none"> • Fables



Knotion Subject	Topic	Learning Outcome	Content
 Life Science	<ul style="list-style-type: none"> Ecology 	<ul style="list-style-type: none"> Analyzes and evaluates individual actions that can pollute the environment. Demonstrates participation in recycling campaigns. Observes simple steps that can be taken to keep a clean sustainable environment. 	<ul style="list-style-type: none"> Environmental pollution Recycling campaigns Sustainable development



Knotion Subject	Topic	Learning Outcome	Content
 Productivity Awareness	<ul style="list-style-type: none"> Wants and Needs 	<ul style="list-style-type: none"> Identifies and promotes sustainable consumption of goods and services. 	<ul style="list-style-type: none"> Consumption of goods and services based on wants and needs
 Environmental Awareness	<ul style="list-style-type: none"> Human Interaction With the Environment 	<ul style="list-style-type: none"> Explains pollution and recognizes the impact of human activities on environmental quality. Participates in activities that focus on environmental issues. Recognizes the main types of pollution, including air pollution, water pollution, land pollution, and noise pollution. 	<ul style="list-style-type: none"> Characteristics of pollution and pollution due to human activities Environmental conservation Types of pollution