

The K–12 Instructional Targets are incorporated in one or more of the unit lessons and the core materials lesson plans throughout the year. These targets are the bridge between the general content standards adopted by a state and relevant curriculum content for students with significant disabilities. For students with significant cognitive disabilities, access and participation in the state’s adopted content standards are generally addressed through extended standards, which may be reduced in depth and breadth. The n2y Instructional Targets have been developed and are continually updated based on studies of standards across all 50 states.

Standards for Reading Literature			
K–2	3–5	6–8	9–12
<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Ask and answer questions (e.g., who, what, when, where, why, how) about key details of a story.</li> <li>Retell a familiar story, including the main idea and key details.</li> <li>Determine the main idea, central message or lesson of a literary text.</li> <li>Identify characters, setting and events in a story.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Determine meaning of unknown words and phrases that contribute to the understanding of literary text.</li> <li>Recognize the difference between books that tell stories and books that give information.</li> <li>Recognize the beginning and ending of a story.</li> <li>Identify who is telling a story.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Use illustrations to describe characters and events in a story.</li> <li>Compare or contrast characters and events in the same story.</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Experience grade level and age-appropriate literature materials, including stories and poems that are adapted to student reading level.</li> </ul>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Ask and answer explicit questions and locate details in literature to support an answer.</li> <li>Ask and answer inferential questions and locate details in literature to support an answer.</li> <li>Summarize a story to show understanding of the main theme and details.</li> <li>Distinguish a story’s theme/lesson/main idea using key details.</li> <li>Describe characters (traits, motivations, feelings, etc.), settings and events in a story.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Use context clues and illustrations to determine meanings of words or figurative language (simile, metaphor, onomatopoeia, etc.) in literature.</li> <li>Describe the beginning, middle and end of a story to show its structure.</li> <li>Identify the point of view of a story (first person: character tells; third person: writer tells).</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Use illustrations and multimedia to describe the meaning of a literary text.</li> <li>Connect and compare two literary texts (e.g., details, similarities, theme).</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Experience grade level and age-appropriate literature materials, including stories, poems, plays, and fiction works that are adapted to student reading level.</li> </ul>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Answer explicit questions to explain the main ideas and details (character, plot, setting) of a story, play or poem.</li> <li>Using textual evidence, answer explicit questions about the main ideas and details (character, plot, setting) of a story, play or poem.</li> <li>Using textual evidence, answer inferential questions, conclusions or summaries about the main ideas and details (character, plot, setting) of a story, play or poem.</li> <li>Determine the theme/central idea of a story, play or poem and connect it to key details.</li> <li>Objectively summarize a story, play or poem including main characters, events and key details.</li> <li>Identify and describe how the plot (e.g., events, conflicts and resolution, cause and effect) of a story, play or poem is developed.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Use context clues and illustrations to determine meanings of words and phrases in a text, including figurative and connotative meanings.</li> <li>Recognize figurative language (e.g., similes, metaphors, idioms) and determine how it affects the meaning and mood of a story, play or poem.</li> <li>Identify the structure of a story, play or poem.</li> <li>Explain how a sentence, chapter, scene or stanza affects the theme, setting, plot or tone of a story, play or poem.</li> <li>Determine the point of view of the narrator and its effect on the story.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Compare various ways to read, listen to and view stories and drama (print, multimedia, etc.).</li> <li>Compare different genres and identify personal preferences.</li> </ul> <p><b>Range and Level of Text Complexity</b></p>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Use strong textual evidence to answer explicit questions about the main ideas and details (character, plot, setting) of a story, play or poem.</li> <li>Use strong textual evidence to answer inferential questions, conclusions or summaries about the main ideas and details (character, plot, setting) of a story, play or poem.</li> <li>Objectively summarize a story, play or poem including main characters, events and key details.</li> <li>Determine one or two themes of a story, play or poem.</li> <li>Analyze how the main idea, characters, setting and plot of a story, play or poem support a theme and its development.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Interpret figurative language (e.g., similes, metaphors, idioms, analogies, connotative meanings of word) and determine how it affects the meaning and mood of a story, play or poem.</li> <li>Analyze the structure of a story, play or poem to determine how the order of events affect the meaning, mood or style.</li> <li>Identify and compare what is stated directly and what is implied (satire, sarcasm, irony) in a story, play or poem.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Compare and contrast various artistic mediums (poetry, song, play, movie, etc.) of literature with similar topics, characters or events.</li> <li>Compare and contrast different works of literature (foundational American literature, classical/modern, same time period, other cultures); identify personal preferences.</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Experience grade level and age-appropriate literature materials, including poems, plays, biographies, chapter books and fiction works that are adapted to student reading level.</li> </ul>

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<b>Standards for Reading Informational Text</b>			
<b>K-2</b>	<b>3-5</b>	<b>6-8</b>	<b>9-12</b>
<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Ask and answer questions (e.g., who, what, when, where, why, how) about key details in informational text.</li> <li>Identify and retell the main idea and key details in informational text.</li> <li>Identify and make connections between people, events or information in a text.</li> <li>Identify how informational text is ordered by sequencing events or steps in a procedure.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Determine meaning of unknown words and phrases that contribute to the understanding of informational text.</li> <li>Use text features to locate key information in an informational text.</li> <li>Identify the author's point of view/purpose in informational text.</li> <li>Identify supporting points for an author's point of view/purpose.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Use pictures and illustrations to support meaning within an informational text.</li> <li>Compare information from two informational texts on the same topic.</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Read and use grade level and age-appropriate informational materials, including social studies and technical texts that are adapted to student reading level.</li> </ul>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Ask and answer explicit questions using supporting details to show understanding of informational text.</li> <li>Ask and answer inferential questions using supporting details to show understanding of informational text.</li> <li>Summarize an informational text.</li> <li>Determine the main idea and key details of an informational text.</li> <li>Describe a sequence of events or steps of a procedure based on historical or scientific text.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Use context clues and illustrations to determine meaning of subject-related words in informational text.</li> <li>Use text features (charts, bolded words, glossaries, etc.) and illustrations to locate information in a text.</li> <li>Identify characteristics of nonfiction texts and the type of informational text being presented (fact-based article, schedule, recipe, etc.) based on its structure.</li> <li>Identify author's point of view and compare it to own or other nonfiction sources.</li> <li>Identify reasons and/or evidence that support the author's point of view.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Use information gained from illustrations to support the overall meaning of an informational text.</li> <li>Combine or compare content from two informational texts on the same topic.</li> <li>Identify author's purpose.</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Read and use grade level and age-appropriate informational materials, including social studies and technical texts that are adapted to student reading level.</li> </ul>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Answer explicit questions and/or locate evidence in informational text to support responses about the main idea and key details.</li> <li>Answer inferential questions and cite evidence in informational text to support the main idea and key details.</li> <li>Objectively summarize an informational text, including the main idea(s) and key details.</li> <li>Determine the central idea and key details (individuals, events, ideas) of an informational text.</li> <li>Summarize a sequence of events or steps in a text.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Determine the meaning of words and phrases that support the purpose of the text.</li> <li>Identify the author's purpose or point of view in an informational text and/or compare it to another point of view.</li> <li>Identify how sentences, paragraphs, chapters or features support an informational text's purpose.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Evaluate claims and supporting reasons.</li> <li>Evaluate different media (print, digital, etc.) as a means to gain information on a topic.</li> <li>Identify text features and how the author structured the informational text (chronological, cause/effect, problem/solution).</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Read and use grade level and age-appropriate informational materials, including social studies and technical texts that are adapted to student reading level.</li> </ul>	<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Answer explicit questions and use support from text to explain the main ideas, and details of an informational text.</li> <li>Answer inferential questions and use support from text to explain the main ideas, details and inferences of an informational text.</li> <li>Objectively summarize an informational text, including central idea and specific supporting details.</li> <li>Identify the central idea(s), key details, and how they develop over the course of an informational text.</li> <li>Summarize a sequence of events or steps in a text.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Determine the meaning of words and phrases that support the purpose of the text.</li> <li>Identify and describe the intent or the purpose of a text (inform, persuade, etc.).</li> <li>Use structures of a text (paragraphs, chapters, etc.) to locate information as it supports the author's purpose or point of view in a text.</li> <li>Evaluate ways authors support their claim and if their claim is fact or opinion.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Integrate and evaluate information on a similar topic from different media.</li> <li>Experience information from leveled text related to U.S. documents and those of historical significance, including an evaluation of their themes/purposes.</li> </ul> <p><b>Range and Level of Text Complexity</b></p> <ul style="list-style-type: none"> <li>Read and use grade level and age-appropriate informational materials, including periodicals, articles, social studies and technical texts that are adapted to student reading level.</li> </ul>

Standards for Foundational Skills			
K-2	3-5	6-8	9-12
<p><b>Print Concepts</b></p> <ul style="list-style-type: none"> <li>• Demonstrate an understanding of print features (left to right, page to page, etc.).</li> <li>• Identify a word as a sequence of letters within a sentence that is paired with a spoken word.</li> <li>• Recognize and produce uppercase letters of the alphabet.</li> <li>• Recognize and produce lowercase letters of the alphabet.</li> <li>• Identify organizational features of a sentence (capitalized first word, ending punctuation, spacing between words, etc.).</li> </ul> <p><b>Phonological Awareness</b></p> <ul style="list-style-type: none"> <li>• Identify the sound for a single consonant.</li> <li>• Identify the sounds for long and short vowels and vowel teams.</li> <li>• Identify the sound for common consonant digraphs.</li> <li>• Blend onset and rime to identify a spoken word.</li> <li>• Distinguish initial, medial and final sounds in words.</li> <li>• Demonstrate an understanding of the correlation between syllables and sounds within words.</li> <li>• Identify and/or produce rhyming words.</li> <li>• Count the number of words in a spoken message.</li> <li>• Segment words into phonemes within phonological awareness activities.</li> <li>• Blend sounds within phonological awareness activities.</li> </ul> <p><b>Phonics and Word Recognition</b></p> <ul style="list-style-type: none"> <li>• Use letter-sound matches to decode words.</li> <li>• Use letter-sound matches to encode words.</li> <li>• Apply word patterns (e.g., silent e = long vowel) to read new words.</li> <li>• Read words with common prefixes/suffixes.</li> <li>• Read high-frequency words.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>• Read appropriately leveled text with purpose and understanding.</li> <li>• Read text with accuracy, appropriate rate and expression.</li> </ul>	<p><b>Phonics and Word Recognition</b></p> <ul style="list-style-type: none"> <li>• Read common words (e.g., high-frequency words and commonly occurring words in the environment).</li> <li>• Use letter-sound knowledge and patterns to decode words (e.g., vowel digraphs, blends, spelling patterns, word families, etc.).</li> <li>• Decode and determine word meaning using prefixes.</li> <li>• Decode and determine word meaning using suffixes.</li> <li>• Apply basic phonics skills by isolating sounds.</li> <li>• Apply basic phonics skills by separating words into syllables.</li> <li>• Use letter-sound knowledge and patterns to encode words.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>• Read appropriately leveled text with purpose and understanding.</li> <li>• Read text with accuracy, appropriate rate and expression.</li> </ul>	<p><b>Phonological Awareness</b></p> <ul style="list-style-type: none"> <li>• Isolate, blend, segment, and/or manipulate initial, medial or final sounds in words.</li> </ul> <p><b>Phonics and Word Recognition</b></p> <ul style="list-style-type: none"> <li>• Decode and encode words with common and uncommon phonics patterns.</li> <li>• Read and write high-frequency words, including words with common prefixes/suffixes.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>• Read text with accuracy, appropriate rate and expression.</li> </ul>	<p><b>Phonological Awareness</b></p> <ul style="list-style-type: none"> <li>• Isolate, blend, segment, and/or manipulate initial, medial or final sounds in words.</li> </ul> <p><b>Phonics and Word Recognition</b></p> <ul style="list-style-type: none"> <li>• Decode and encode words with common and uncommon phonics patterns.</li> <li>• Read and write high-frequency words, including words with common prefixes/suffixes.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>• Read text with accuracy, appropriate rate and expression.</li> </ul>

Standards for Writing			
K–2	3–5	6–8	9–12
<p><b>Text Types and Purposes</b></p> <ul style="list-style-type: none"> <li>● Generate a written text that states an opinion on a topic, including reasons.</li> <li>● Generate an informational text about a topic, including details.</li> <li>● Generate a narrative text, including a sequence of events.</li> </ul> <p><b>Production and Distribution of Writing</b></p> <ul style="list-style-type: none"> <li>● With guidance and support, revise writing to add details that strengthen writing.</li> <li>● With guidance and support, use digital tools to produce writing.</li> </ul> <p><b>Research to Build and Present Knowledge</b></p> <ul style="list-style-type: none"> <li>● Participate in shared research and writing projects.</li> <li>● Recall information from experiences or shared information gathering.</li> </ul> <p><b>Range of Writing</b></p> <ul style="list-style-type: none"> <li>● <i>(Begins in Grade 3)</i></li> </ul>	<p><b>Text Types and Purposes</b></p> <ul style="list-style-type: none"> <li>● Generate simple written sentences that express an opinion and provide supporting details.</li> <li>● Generate simple sentences to convey information, including factual sentences and a concluding statement.</li> <li>● Generate simple narrative sentences on a personal experience, including a sequence of events.</li> </ul> <p><b>Production and Distribution of Writing</b></p> <ul style="list-style-type: none"> <li>● With guidance and support, plan, edit and revise writing to increase clarity.</li> <li>● With guidance and support, use technology to compose sentences and paragraphs.</li> </ul> <p><b>Research to Build and Present Knowledge</b></p> <ul style="list-style-type: none"> <li>● Research and collect information from multiple sources for a research project.</li> <li>● Recall and categorize details from experiences or print and digital sources.</li> <li>● Gather and include information or evidence from (adapted) literary or informational materials in their writing.</li> </ul> <p><b>Range of Writing</b></p> <ul style="list-style-type: none"> <li>● Participate routinely in a variety of supported writing activities.</li> </ul>	<p><b>Text Types and Purposes</b></p> <ul style="list-style-type: none"> <li>● Generate a simple paragraph that expresses an opinion and contains relevant supporting details.</li> <li>● Generate a simple informative paragraph that includes a defined topic, supporting details and a concluding sentence.</li> <li>● Generate a simple narrative paragraph that includes a logical sequence of events and descriptive details.</li> </ul> <p><b>Production and Distribution of Writing</b></p> <ul style="list-style-type: none"> <li>● With some guidance and support, plan, edit and revise writing to increase clarity and coherence.</li> <li>● With guidance and support, use technology, including the internet, to compose a simple paragraph.</li> </ul> <p><b>Research to Build and Present Knowledge</b></p> <ul style="list-style-type: none"> <li>● Research and collect information from (adapted) or informational materials to answer a question in a short research project.</li> <li>● Generate a text document to summarize information from print and digital sources; identify sources.</li> </ul> <p><b>Range of Writing</b></p> <ul style="list-style-type: none"> <li>● Participate routinely in supported writing activities for varied purposes.</li> </ul>	<p><b>Text Types and Purposes</b></p> <ul style="list-style-type: none"> <li>● Generate paragraphs to analyze a topic, including supporting facts and evidence.</li> <li>● Generate informative paragraphs, including a topic sentence, supporting facts or details and a concluding sentence.</li> <li>● Generate narrative paragraphs, including a logical sequence of events, descriptive details and a reflective conclusion.</li> </ul> <p><b>Production and Distribution of Writing</b></p> <ul style="list-style-type: none"> <li>● With some guidance and support, plan, edit and revise writing with a focus on the purpose of the document.</li> <li>● Use technology, including the internet, to compose a paragraph.</li> </ul> <p><b>Research to Build Knowledge</b></p> <ul style="list-style-type: none"> <li>● Research and gather information from (adapted) literary or informational materials to answer a question or solve a problem.</li> <li>● Generate a written text to summarize information from multiple sources; cite sources.</li> </ul> <p><b>Range of Writing</b></p> <ul style="list-style-type: none"> <li>● Participate routinely in supported writing activities, using conventional formats.</li> </ul>

Standards for Speaking and Listening			
K-2	3-5	6-8	9-12
<p><b>Comprehension and Collaboration</b></p> <ul style="list-style-type: none"> <li>Participate in group discussions, including ability to:               <ul style="list-style-type: none"> <li>follow agreed-upon rules (listening to others, turn-taking, etc.),</li> <li>continue through multiple exchanges,</li> <li>ask questions about the topic.</li> </ul> </li> <li>Ask and answer questions about text read aloud or information presented orally.</li> </ul> <p><b>Presentation and Knowledge of Ideas</b></p> <ul style="list-style-type: none"> <li>Tell a story about a personal experience, including details of people, places and events.</li> <li>Add visuals or audios to enhance a story or an experience.</li> <li>Communicate in sentences or multi-word expressions relevant to a task or topic.</li> </ul>	<p><b>Comprehension and Collaboration</b></p> <ul style="list-style-type: none"> <li>Participate in grade level and age-appropriate discussions, including ability to:               <ul style="list-style-type: none"> <li>follow agreed-upon rules (gaining attention, turn-taking, etc.),</li> <li>ask questions that contribute to the discussion.</li> </ul> </li> <li>Summarize information from text read aloud or presented in diverse media formats.</li> <li>Summarize key points from a speaker.</li> </ul> <p><b>Presentation and Knowledge of Ideas</b></p> <ul style="list-style-type: none"> <li>Report on a topic or personal experience, including main ideas and key details.</li> <li>Add media to enhance a presentation.</li> <li>Communicate multiple ideas or information specific to a task or topic.</li> </ul>	<p><b>Comprehension and Collaboration</b></p> <ul style="list-style-type: none"> <li>Engage in grade level and age-appropriate discussions, including ability to:               <ul style="list-style-type: none"> <li>follow rules of discussion,</li> <li>ask questions related to the topic; respond to others' questions; make comments; share ideas.</li> </ul> </li> <li>Identify main ideas presented orally or from diverse media formats.</li> <li>Identify a speaker's purpose and main ideas.</li> </ul> <p><b>Presentation and Knowledge of Ideas</b></p> <ul style="list-style-type: none"> <li>Present information sequentially about a selected topic; use appropriate eye contact, volume and clear pronunciation.</li> <li>Add media to enhance a presentation.</li> <li>Adapt communication, using formal or informal language specific to a task or situation.</li> </ul>	<p><b>Comprehension and Collaboration</b></p> <ul style="list-style-type: none"> <li>Initiate and participate in grade level and age-appropriate discussion on diverse topics to:               <ul style="list-style-type: none"> <li>express an opinion,</li> <li>share ideas and information, and</li> <li>ask and respond to questions relevant to the topic.</li> </ul> </li> <li>Identify information from multiple sources that contribute to making a decision.</li> <li>Identify a speaker's purpose and main ideas.</li> </ul> <p><b>Presentation and Knowledge of Ideas</b></p> <ul style="list-style-type: none"> <li>Present information in an organized manner and appropriate to a task, an audience or a situation.</li> <li>Integrate media to enhance a presentation.</li> <li>Adapt communication, using formal or informal language to communicate effectively in a variety of contexts and tasks.</li> </ul>

Standards for Language			
K–2	3–5	6–8	9–12
<p><b>Conventions of Standard English</b></p> <ul style="list-style-type: none"> <li>● Demonstrate conventions of standard English when speaking or writing, including:               <ul style="list-style-type: none"> <li>● uppercase and lowercase letters,</li> <li>● common nouns, verbs, pronouns, adjectives, question words, conjunctions and prepositions.</li> </ul> </li> <li>● Identify and use beginning capitalization and capitalization of names.</li> <li>● Identify and use ending punctuation.</li> <li>● Correctly spell words with common spelling patterns.</li> </ul> <p><b>Knowledge of Language</b></p> <ul style="list-style-type: none"> <li>● Apply conventions of language to communicate (<i>begins in grade 2</i>).</li> </ul> <p><b>Vocabulary Acquisition and Use</b></p> <ul style="list-style-type: none"> <li>● Use context clues and word clues (e.g., compound words, root words) to determine the meaning of unknown or multiple-meaning words within text.</li> <li>● Use reference materials to determine the meaning of unknown or multiple-meaning words within text.</li> <li>● Sort words into categories based on attributes.</li> <li>● Select common prefixes and root words and use them to define words.</li> <li>● Select common suffixes and root words and use them to define words.</li> <li>● Identify synonyms for words.</li> <li>● Identify antonyms for words.</li> </ul>	<p><b>Conventions of Standard English</b></p> <ul style="list-style-type: none"> <li>● Demonstrate conventions of grammar when writing or speaking declarative and interrogative sentences.</li> <li>● Generate a written sentence with appropriate capitalization and punctuation.</li> <li>● Correctly spell words with common spelling patterns.</li> </ul> <p><b>Knowledge of Language</b></p> <ul style="list-style-type: none"> <li>● Choose appropriate words and phrases to convey a spoken or written message.</li> </ul> <p><b>Vocabulary Acquisition and Use</b></p> <ul style="list-style-type: none"> <li>● Use context clues or word structures to determine the meaning of unknown or multiple-meaning words.</li> <li>● Use dictionaries or glossaries to determine the meaning and pronunciation of words.</li> <li>● Identify the meaning of simple figurative language (similes, metaphors, idioms, adages, proverbs) and distinguish from their literal meaning.</li> <li>● Use describing words for specific purposes (e.g., emotions, positions, adjectives, adverbs).</li> <li>● Use prefixes and root words to define words.</li> <li>● Use suffixes and root words to define words.</li> <li>● Identify synonyms for words.</li> <li>● Identify antonyms for words.</li> <li>● Use words acquired through conversation and domain-specific sources when speaking and writing.</li> </ul>	<p><b>Conventions of Standard English</b></p> <ul style="list-style-type: none"> <li>● Use conventions of grammar when speaking or writing.</li> <li>● Use correct capitalization and punctuation in sentences.</li> <li>● Use correct spelling in writing sentences.</li> </ul> <p><b>Knowledge of Language</b></p> <ul style="list-style-type: none"> <li>● Use conventions of language to generate sentences when speaking or writing.</li> </ul> <p><b>Vocabulary Acquisition and Use</b></p> <ul style="list-style-type: none"> <li>● Use context clues (e.g., more details, restated word or overall meaning of the sentence or paragraph) to determine the meaning of unknown and multiple meaning words.</li> <li>● Use reference materials (dictionaries [printed/online], glossaries) to determine the meaning and part of speech unknown words.</li> <li>● Use reference materials (dictionaries [printed/online], glossaries) to determine the pronunciation of words.</li> <li>● Use reference materials (dictionaries [printed/online], thesauruses) to determine a synonym for a word.</li> <li>● Use words acquired through academic and domain-specific sources when speaking and writing.</li> <li>● Identify and interpret figurative language (e.g., similes, metaphors, personification, idioms).</li> </ul>	<p><b>Conventions of Standard English</b></p> <ul style="list-style-type: none"> <li>● Apply conventions of grammar when speaking or writing.</li> <li>● Apply correct capitalization and punctuation in sentences.</li> <li>● Use correct spelling in writing sentences.</li> </ul> <p><b>Knowledge of Language</b></p> <ul style="list-style-type: none"> <li>● Demonstrate conventions of language to communicate effectively when speaking or writing in varied contexts.</li> </ul> <p><b>Vocabulary Acquisition and Use</b></p> <ul style="list-style-type: none"> <li>● Use context clues (e.g., synonyms, antonyms, more details, restated word or overall meaning of the sentence or paragraph) to determine the meaning of unknown and multiple meaning words.</li> <li>● Use reference materials (dictionaries [printed/online], glossaries) to determine the meaning and part of speech of unknown words.</li> <li>● Use reference materials (dictionaries [printed/online], thesauruses) to determine a synonym for a word.</li> <li>● Use reference materials (dictionaries [printed/online], glossaries) to determine the pronunciation of unknown words.</li> <li>● Use words acquired through academic and domain-specific sources when speaking and writing.</li> <li>● Identify and interpret figurative language (e.g., similes, metaphors, personification, hyperbole, paradox, euphemism, oxymoron).</li> </ul>

<ul style="list-style-type: none"> <li>• When communicating, correctly use words for their specific purpose and part of speech.</li> <li>• When speaking, use words and phrases acquired through reading and conversation.</li> </ul>			
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Math Standards for Counting and Cardinality			
K-2	3-5	6-8	9-12
<p><b>Know number names and the count sequence.</b></p> <ul style="list-style-type: none"> <li>• Count by ones to 10, 20 and 100.</li> <li>• Count by 10s to 100.</li> <li>• Read and write numerals to 10 and 20.</li> <li>• Count forward beginning from a given number in a sequence.</li> </ul> <p><b>Count to tell the number of objects.</b></p> <ul style="list-style-type: none"> <li>• Demonstrate one-to-one correspondence when counting.</li> <li>• Count a number of objects to tell <i>how many</i>.</li> </ul> <p><b>Compare numbers.</b></p> <ul style="list-style-type: none"> <li>• Indicate whether the number of objects in one group is <i>more</i>, <i>less</i> or <i>equal</i> to the number of objects in another group.</li> </ul>			



Math Standards for Operations and Algebraic Thinking		Math Standards for Expressions and Equations	Math Standards for Algebra
<b>K–2</b>	<b>3–5</b>	<b>6–8</b>	<b>9–12</b>
<p><b>Building Blocks to Generate and Analyze Patterns</b></p> <ul style="list-style-type: none"> <li>Extend the sequence of a nonnumeric pattern.</li> </ul> <p><b>Represent and solve problems involving addition and subtraction.</b></p> <ul style="list-style-type: none"> <li>Model putting together (addition, more, equal) and taking away (subtraction, less, equal) with objects and representations.</li> <li>Solve real-life addition and subtraction problems within the ranges of 1–10 and 1–20.</li> <li>Understand and use +, – and = symbols when solving problems.</li> <li>Find the unknown number in a math sentence.</li> </ul> <p><b>Understand and apply properties of operations and the relationship between addition and subtraction.</b></p> <ul style="list-style-type: none"> <li>Understand and use the count on and count backwards strategies to add and subtract.</li> </ul> <p><b>Work with equal groups of objects to gain foundations for multiplication.</b></p> <ul style="list-style-type: none"> <li>Share equal numbers of objects between 2 and 4 people.</li> <li>Add to find a total number in an array (e.g., 3 rows, 3 columns).</li> </ul>	<p><b>Represent and solve problems involving multiplication and division.</b></p> <ul style="list-style-type: none"> <li>Model products of whole numbers (e.g., <math>3 \times 2</math> as 3 groups with 2 objects in each group).</li> <li>Model whole number quotients (e.g., <math>16 \div 8</math> as 16 objects placed in 8 groups with 2 in each group).</li> <li>Use multiplication and division of whole numbers to solve real-world story problems.</li> </ul> <p><b>Understand properties of multiplication and the relationship between multiplication and division.</b></p> <ul style="list-style-type: none"> <li>Apply properties of operations as strategies to multiply and divide.</li> </ul> <p><b>Multiply and divide within 100.</b></p> <ul style="list-style-type: none"> <li>Apply strategies to multiply and divide within 100.</li> </ul> <p><b>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</b></p> <ul style="list-style-type: none"> <li>Identify and describe the rule for a number pattern.</li> </ul> <p><b>Use the four operations with whole numbers to solve problems.</b></p> <ul style="list-style-type: none"> <li>Solve problems (+, –, <math>\times</math> or <math>\div</math>) in which a symbol or letter represents an unknown (e.g., <math>4 + a = 10</math>).</li> <li>Solve multi-step story problems containing whole numbers.</li> </ul> <p><b>Write and interpret numerical expressions.</b></p>	<p><b>Building Blocks to Expressions and Equations</b></p> <ul style="list-style-type: none"> <li>Understand and use +, – and = symbols to solve addition and subtraction problems.</li> <li>Model and solve problems involving multiplication or division.</li> </ul> <p><b>Apply and extend previous understanding of arithmetic to algebraic expressions.</b></p> <ul style="list-style-type: none"> <li>Use the commutative, associative and distributive properties to add, subtract and multiply whole numbers.</li> <li>Write and simplify expressions in which letters stand for unknown numbers within a real-world scenario.</li> </ul> <p><b>Reason about and solve one-variable equations and inequalities.</b></p> <ul style="list-style-type: none"> <li>Order a sequence of steps to solve an equation.</li> </ul> <p><b>Solve real-life and mathematical problems by using numerical and algebraic expressions and equations.</b></p> <ul style="list-style-type: none"> <li>Solve real-world problems involving addition and subtraction of decimals, using models when needed.</li> <li>Solve real-world problems involving multiplication of decimals and whole numbers, using models when needed.</li> <li>Write and solve equations with one variable to solve real-world word problems.</li> <li>Write and solve inequalities with one variable to solve real-world problems</li> </ul>	<p><b>Seeing Structure in Expressions–Building Blocks to Algebra</b></p> <ul style="list-style-type: none"> <li>Understand and use +, – and = symbols to solve addition and subtraction problems.</li> <li>Model and solve problems involving multiplication or division.</li> <li>Indicate positive and negative numbers (using a number line, temperatures including negative numbers, etc.) in a real-world scenario.</li> <li>Add and subtract rational numbers.</li> <li>Identify the additive inverse.</li> <li>Multiply and divide rational numbers.</li> </ul> <p><b>Seeing Structure in Expressions–Interpret the structure of expressions.</b></p> <ul style="list-style-type: none"> <li>Identify the different parts of an expression that represents a real-world situation and explain their meaning.</li> </ul> <p><b>Seeing Structure in Expressions–Write expressions in equivalent forms to solve problems.</b></p> <ul style="list-style-type: none"> <li>Write and simplify an expression that represents a real-world situation.</li> </ul> <p><b>Creating Equations–Building Blocks to Algebra</b></p> <ul style="list-style-type: none"> <li>Graph positive and negative numbers (using a number line, temperatures including negative numbers, etc.) in a real-world scenario.</li> </ul> <p><b>Creating Equations–Create equations that describe numbers or relationships.</b></p> <ul style="list-style-type: none"> <li>Represent a real-world situation with an equation or inequality.</li> </ul> <p><b>Creating Equations–Graph equations on coordinate axes</b></p> <ul style="list-style-type: none"> <li>Graph coordinate points of an equation.</li> </ul> <p><b>Reasoning with Equations and Inequalities–Building Blocks to Algebra.</b></p> <ul style="list-style-type: none"> <li>Recognize and compare numbers showing the symbols <math>&gt;</math>, <math>&lt;</math>, or <math>=</math>.</li> </ul>



	<ul style="list-style-type: none"> <li>Write and solve a number problem based on a real-world situation.</li> <li>Identify which operation comes first when a calculation requires more than one operation.</li> </ul> <p><b>Generate and analyze patterns.</b></p> <ul style="list-style-type: none"> <li>Extend the sequence of a non-numeric pattern.</li> <li>Continue a sequence of numbers with a given rule (e.g., “add 2” relates to counting by 2s; “add 5” relates to counting by 5s).</li> </ul>	<p><b>Work with radicals and integer exponents.</b></p> <ul style="list-style-type: none"> <li>Determine the value of a quantity that is squared or cubed.</li> </ul>	<p><b>Reasoning with Equations and Inequalities–Understand solving equations as a process of reasoning and explain the reasoning.</b></p> <ul style="list-style-type: none"> <li>Order a sequence of steps to solve an equation.</li> </ul> <p><b>Reasoning with Equations and Inequalities–Solve equations and inequalities in one variable.</b></p> <ul style="list-style-type: none"> <li>Use equations to solve real-world problems when a part is unknown.</li> <li>Use inequalities (e.g., &lt; and &gt;) to solve real-world problems in which a part is unknown.</li> </ul> <p><b>Reasoning with Equations and Inequalities–Represent and solve equations and inequalities graphically.</b></p> <ul style="list-style-type: none"> <li>Interpret the meaning of a point on the graph of a line.</li> </ul> <p><b>Arithmetic with Polynomials and Rational Expressions– Perform arithmetic operations on polynomials.</b></p> <ul style="list-style-type: none"> <li>Add and subtract polynomials.</li> </ul>
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Math Standards for Numbers and Operations in Base Ten		Math Standards for The Number System	
K–2	3–5	6–8	9–12
<p><b>Understand place value.</b></p> <ul style="list-style-type: none"> <li>Model to show understanding of tens and ones in a two-digit number (e.g., 26 is a bundle of two tens and six ones).</li> <li>Skip count by 2s and 5s to 20 and 50; by 10s to 20, 50 and 100.</li> <li>Compare two numbers to determine &gt;, &lt; or =.</li> </ul> <p><b>Use place value understanding and properties of operations to add and subtract.</b></p> <ul style="list-style-type: none"> <li>Build strategies to add or subtract two-digit numbers.</li> </ul>	<p><b>Building Blocks to Operations</b></p> <ul style="list-style-type: none"> <li>Read and write numerals.</li> <li>Count a number of objects.</li> </ul> <p><b>Generalize place value understanding for multi-digit whole numbers.</b></p> <ul style="list-style-type: none"> <li>Use number lines or visual representations to illustrate whole numbers, including ones, tens and hundreds.</li> <li>Use place value understanding to round whole numbers to the nearest 10 or 100.</li> </ul> <p><b>Use place value understanding and properties of operations to perform multi-digit arithmetic.</b></p> <ul style="list-style-type: none"> <li>Solve addition and subtraction problems up to 30, 50 and 100.</li> <li>Illustrate concepts of multiplication (equal shares) and division (equal groups) with multi-digit numbers.</li> <li>Solve single digit and multi-digit multiplication and division problems.</li> </ul> <p><b>Understand the place value system.</b></p> <ul style="list-style-type: none"> <li>Use visual representations to illustrate or compare decimals to the tenths or hundredths place.</li> <li>Compare multi-digit numbers by use of symbols: &gt;, &lt; or =.</li> </ul>	<p><b>Building Blocks to The Number System</b></p> <ul style="list-style-type: none"> <li>Recognize and compare numbers showing the symbols &gt;, &lt; or =.</li> <li>Match symbolic representations (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, etc.) to fractional parts.</li> </ul> <p><b>Compute fluently with multi-digit numbers and find common factors and multiples.</b></p> <ul style="list-style-type: none"> <li>Add, subtract, multiply and divide multi-digit numbers with fluency.</li> <li>Fluently add, subtract, multiply and divide numbers with decimals.</li> </ul> <p><b>Apply and extend previous understanding of numbers to the system of rational numbers.</b></p> <ul style="list-style-type: none"> <li>Indicate positive and negative numbers (using a number line, temperatures, negative numbers, etc.) in a real-world scenario.</li> <li>Graph positive and negative numbers (using a number line, temperatures including negative numbers, etc.) in a real-world scenario.</li> </ul> <p><b>Apply and extend previous understanding of operations with fractions to add, subtract, multiply and divide rational numbers.</b></p> <ul style="list-style-type: none"> <li>Add and subtract fractions with like denominators (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, &amp; <math>\frac{1}{10}</math>) with sums less than or equal to one.</li> </ul>	

		<ul style="list-style-type: none"> <li>Using a model, divide a whole number into fractional units (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{8}</math>, <math>\frac{1}{10}</math>) and count the fractional parts of a whole (3 parts of 4, 6 parts of 10, etc.).</li> <li>Add and subtract rational numbers.</li> <li>Identify the additive inverse.</li> <li>Multiply and divide rational numbers.</li> </ul>	
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Math Standards for Numbers and Operations with Fractions		Math Standards for The Number System	
K-2	3-5	6-8	9-12
	<p><b>Develop understanding of fractions as numbers.</b></p> <ul style="list-style-type: none"> <li>Use concrete models to illustrate fractional parts (equal parts showing a whole and one half, one third and one fourth of a whole).</li> <li>Match symbolic representations (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, etc.) to fractional parts.</li> </ul> <p><b>Use equivalent fractions as a strategy to add and subtract fractions.</b></p> <ul style="list-style-type: none"> <li>Add fractions with like denominators to solve real-world problems, using a visual or an object model.</li> </ul>	<p><b>Building Blocks to The Number System</b></p> <ul style="list-style-type: none"> <li>Match symbolic representations (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, etc.) to fractional parts.</li> </ul> <p><b>Apply and extend previous understanding of multiplication and division to divide fractions by fractions.</b></p> <ul style="list-style-type: none"> <li>Using a model, divide a whole number into fractional units (<math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{8}</math>, <math>\frac{1}{10}</math>) and count the fractional parts of a whole (3 parts of 4, 6 parts of 10, etc.).</li> </ul>	

Math Standards for Measurement and Data			
K–2	3–5	6–8	9–12
<p><b>Measure and estimate lengths in standard units.</b></p> <ul style="list-style-type: none"> <li>Compare two lengths and use appropriate vocabulary to describe (short, long, etc.).</li> <li>Use nonstandard units to estimate and measure the length of an object.</li> <li>Use standard measurements to measure the length of an object (inches, feet, etc.).</li> </ul> <p><b>Work with time and money.</b></p> <ul style="list-style-type: none"> <li>Use time concept vocabulary to describe personal activities and schedules (first and then; today, tomorrow, yesterday and days of the week, etc.).</li> <li>Tell time to hour, half-hour, quarter-hour and five-minute intervals.</li> <li>Identify and count coins and dollars to solve word problems.</li> </ul> <p><b>Represent and interpret data.</b></p> <ul style="list-style-type: none"> <li>Gather and sort data in response to questions.</li> <li>Display data in picture graphs.</li> <li>Answer questions about information in a graph.</li> </ul>	<p><b>Solve problems involving measurement and estimation of intervals of time, liquid volumes and masses of objects.</b></p> <ul style="list-style-type: none"> <li>Use time concepts to describe personal activities and schedules. (e.g., calendar dates and days).</li> <li>Tell time to hour, half-hour, quarter-hour and five-minute intervals.</li> <li>Use standard units to measure length (inches, feet) or weight (pounds, ounces).</li> <li>Solve problems and describe differences in length or weight (more, less or same; &gt;, &lt; or =, etc.).</li> </ul> <p><b>Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.</b></p> <ul style="list-style-type: none"> <li>Determine elapsed time within real-world scenarios (hour, half-hour and quarter-hour intervals).</li> <li>Solve real-world problems, including use of operations that involve liquid volumes and masses of objects.</li> <li>Solve real-world problems, including use of operations that involve money.</li> </ul> <p><b>Represent and interpret data.</b></p> <ul style="list-style-type: none"> <li>Collect, organize and display data on a picture, line plot or bar graph.</li> </ul>	<p><b>Life Skills for Measurement</b></p> <ul style="list-style-type: none"> <li>Select units and accurately use measurement tools to solve problems in the context of a daily living activity.</li> <li>Tell time on digital and analog clocks within the context of real-world situations or scenarios.</li> <li>Apply knowledge of time skills to calculate elapsed time in real-world situations or scenarios.</li> <li>Use times of day (e.g., a.m., p.m., morning, afternoon, evening and night) to represent time in real-world situations or scenarios.</li> <li>Apply knowledge of time, day and date skills to real-world problem-solving situations and scenarios.</li> <li>Apply knowledge of money skills to real-world problem-solving situations and scenarios.</li> </ul>	<p><b>Life Skills for Measurement</b></p> <ul style="list-style-type: none"> <li>Select units and use measurement tools accurately to solve problems in the context of a daily living activity.</li> <li>Tell time on digital and analog clocks within the context of real-world situations or scenarios.</li> <li>Use times of day (e.g., a.m., p.m., morning, afternoon, evening and night) to represent time in real-world situations or scenarios.</li> <li>Apply knowledge of time skills to calculate forward and backward elapsed time in real-world situations or scenarios.</li> <li>Apply knowledge of time, day and date skills to real-world problem-solving situations and scenarios.</li> <li>Apply knowledge of money skills to real-world problem-solving situations and scenarios.</li> </ul>

	<ul style="list-style-type: none"> <li>• Answer questions to interpret data on graphs.</li> </ul> <p><b>Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures; understand concepts of volume and relate volume to multiplication and to addition.</b></p> <ul style="list-style-type: none"> <li>• Solve problems involving perimeter of shapes within the context of a real-world scenario.</li> <li>• Solve problems involving area of rectangles within the context of a real-world scenario.</li> <li>• Solve problems involving volume of rectangular prisms within the context of a real-world scenario.</li> </ul>		
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Math Standards for Geometry			
K–2	3–5	6–8	9–12
<p><b>Identify and describe shapes.</b></p> <ul style="list-style-type: none"> <li>• Recognize two- and three-dimensional shapes in the environment.</li> <li>• Describe positions of objects and shapes in the environment with positional vocabulary (<i>in, on, under, beside, etc.</i>).</li> </ul> <p><b>Reason with shapes and their attributes.</b></p> <ul style="list-style-type: none"> <li>• Identify shapes as two-dimensional (flat) or three-dimensional (solid).</li> <li>• Identify basic two-dimensional shapes by name (square, circle, triangle, rectangle, etc.) and describe attributes (number of sides, corners, etc.).</li> <li>• Identify basic three-dimensional shapes by name (cubes, rectangular prisms, cones, cylinders, and spheres) and describe attributes (number of edges, faces, etc.).</li> <li>• Compare two- or three-dimensional shapes and describe their similarities and differences.</li> </ul>	<p><b>Reason with shapes and their attributes.</b></p> <ul style="list-style-type: none"> <li>• Recognize and describe attributes (number of sides, angles, parallel sides, etc.) of two-dimensional shapes (square, circle, triangle, rectangle, etc.).</li> <li>• Recognize and describe attributes (number of edges, faces, and vertices) of three-dimensional shapes (cubes, rectangular prisms, cones, cylinders and spheres).</li> <li>• Partition shapes into equal parts.</li> </ul> <p><b>Draw and identify lines and angles, and classify shapes by properties of their lines and angles.</b></p> <ul style="list-style-type: none"> <li>• Recognize, describe and construct points, rays, segments and lines (perpendicular and parallel).</li> <li>• Recognize, describe and construct angles (right, obtuse and acute).</li> <li>• Recognize a line of symmetry that separates a line-symmetric shape into equal halves.</li> </ul> <p><b>Graph points on the coordinate plane to solve real-world and mathematical problems.</b></p>	<p><b>Building Blocks to Geometry</b></p> <ul style="list-style-type: none"> <li>• Identify and plot points on a coordinate plane.</li> </ul> <p><b>Draw, construct, and describe geometrical figures and describe the relationships between them.</b></p> <ul style="list-style-type: none"> <li>• Identify two- and three-dimensional shapes by multiple attributes.</li> <li>• Solve real-world problems involving scale drawings on a coordinate plane.</li> </ul> <p><b>Solve real-world and mathematical problems involving angle measure, area, surface area and volume.</b></p> <ul style="list-style-type: none"> <li>• Identify and plot points of a polygon on a coordinate plane.</li> <li>• Determine the perimeter of a polygon in a real-world scenario.</li> <li>• Determine the area of a polygon using unit squares in a real-world scenario by positioning rows and counting unit squares that do not overlap.</li> <li>• Determine the area of a polygon (limited to rectangle or triangle) using the formula for area in a real-world scenario.</li> <li>• Determine the volume of cubes and rectangular prisms.</li> </ul>	<p><b>Congruence - Experiment with transformations in the plane.</b></p> <ul style="list-style-type: none"> <li>• Identify and use points, lines (parallel, perpendicular, intersecting) and line segments within the context of real-world situations.</li> <li>• Establish congruency by applying a turn (rotation), a flip (reflection), or a slide (translation) to match objects of similar size and shape.</li> </ul> <p><b>Congruence - Understand congruence in terms of rigid motions.</b></p> <ul style="list-style-type: none"> <li>• Apply the understanding of similarity and congruence in real-world situations.</li> <li>• Determine if triangles are similar by comparing angles and sides (SSS, AA).</li> </ul> <p><b>Congruence - Prove geometric theorems.</b></p> <ul style="list-style-type: none"> <li>• Classify angles according to measurement (right, acute, obtuse) and/or angle relationships (adjacent, vertical, supplementary and complementary).</li> <li>• Determine the type of triangle by comparing angles and sides (scalene, isosceles, equilateral).</li> </ul> <p><b>Similarity, Right Triangles and Triangles and Trigonometry - Building Blocks to Geometry</b></p> <ul style="list-style-type: none"> <li>• Identify right triangles and parts of a right triangle (right angle, legs, hypotenuse).</li> </ul> <p><b>Similarity, Right Triangles and Trigonometry - Understand similarity in terms of similarity transformations.</b></p> <ul style="list-style-type: none"> <li>• Solve real-world problems involving dilations of shapes.</li> </ul> <p><b>Similarity, Right Triangles and Trigonometry - Apply trigonometry to general triangles.</b></p> <ul style="list-style-type: none"> <li>• Apply knowledge of triangle theorems to find or compare the missing angles and/or sides of triangles.</li> </ul> <p><b>Circles - Understand and apply theorems about circles.</b></p>

<ul style="list-style-type: none"> <li>• Compose a large shape from smaller shapes.</li> <li>• Partition circles and rectangles into two or four parts (halves, fourths)</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and plot points on a coordinate plane.</li> </ul> <p><b>Classify two-dimensional figures into categories based on their properties.</b></p> <ul style="list-style-type: none"> <li>• Classify two-dimensional shapes by their attributes.</li> </ul>	<ul style="list-style-type: none"> <li>• Apply understanding of the area and circumference of a circle to real-world problems.</li> <li>• Determine the two-dimensional shapes of the faces that make up a three-dimensional object.</li> <li>• Apply the understanding of surface area to three-dimensional objects.</li> <li>• Classify angles as right, obtuse, or acute.</li> <li>• Describe the relationship between angles (supplementary, complementary, vertical, adjacent).</li> </ul> <p><b>Understand congruence and similarity using physical models, transparencies, or geometry software.</b></p> <ul style="list-style-type: none"> <li>• Identify if a turn (rotation), a flip (reflection), or a slide (translation) has been applied to a shape.</li> <li>• Identify shapes as similar or congruent.</li> </ul> <p><b>Understand and apply the Pythagorean Theorem.</b></p> <ul style="list-style-type: none"> <li>• Apply the understanding of the Pythagorean Theorem to a missing side of a right triangle.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify parts of a circle (radius, diameter, tangent, chord, arc, sector, central angle) in real-world scenarios.</li> </ul> <p><b>Circles - Find arc lengths and areas of sectors of circles.</b></p> <ul style="list-style-type: none"> <li>• Solve problems involving measurements of circles (circumference, area, arc length or area of a sector).</li> </ul> <p><b>Geometric Measurement and Dimension - Explain volume formulas and use them to solve problems.</b></p> <ul style="list-style-type: none"> <li>• Solve a real-world problem involving the perimeter of two-dimensional shapes.</li> <li>• Solve a real-world problem involving the area of two-dimensional shapes.</li> <li>• Determine the volume of three-dimensional objects.</li> </ul> <p><b>Geometric Measurement and Dimension - Visualize relationships between two-dimensional and three-dimensional objects.</b></p> <ul style="list-style-type: none"> <li>• Compare the volumes of three-dimensional objects when one attribute is changed.</li> </ul> <p><b>Modeling with Geometry - Building Blocks to Modeling with Geometry</b></p> <ul style="list-style-type: none"> <li>• Identify two-dimensional shapes based on their properties and/or attributes.</li> </ul> <p><b>Modeling with Geometry - Apply geometric concepts in modeling situations.</b></p> <ul style="list-style-type: none"> <li>• Analyze the shapes of real-world two and/or three-dimensional objects.</li> </ul>
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Math Standards for Ratios and Proportional Relationships			
K–2	3–5	6–8	9–12
		<p><b>Understand ratio concepts and use ratio reasoning to solve problems.</b></p> <ul style="list-style-type: none"> <li>• Identify and write a ratio to compare part-to-part and part-to-whole relationships (e.g., If for every lollipop in the bag, there are two candy bars, a 1:2 ratio exists).</li> </ul> <p><b>Analyze proportional relationships and use them to solve real-world and mathematical problems.</b></p> <ul style="list-style-type: none"> <li>• Solve real-world problems involving unit rate (e.g., If it takes one hour to make one pillow, how long will it take to make four pillows?).</li> <li>• Apply understanding of percentages in real-world scenarios (10% tip, 30% sale, etc.).</li> </ul>	<p><b>Life Skills for Ratio and Proportional Relationships</b></p> <ul style="list-style-type: none"> <li>• Identify and write a ratio to compare part-to-part and part-to-whole relationships (e.g., If for every lollipop in the bag, there are two candy bars, a 1:2 ratio exists).</li> <li>• Solve real-world problems involving unit rate (e.g., If it takes one hour to make one pillow, how long will it take to make four pillows?).</li> <li>• Apply understanding of percentages in real-world scenarios (10% tip, 30% sale, etc.).</li> </ul>

Math Standards for Statistics and Probability			
K–2	3–5	6–8	9–12
		<p><b>Building Blocks to Statistics and Probability</b></p> <ul style="list-style-type: none"> <li>Read, compare and interpret data from tables and graphs.</li> </ul> <p><b>Develop understanding of statistical variability.</b></p> <ul style="list-style-type: none"> <li>Design questions and conduct a survey to gather data.</li> <li>Solve for the mean (average) and median of a data set.</li> </ul> <p><b>Summarize and describe distributions.</b></p> <ul style="list-style-type: none"> <li>Display, analyze and report data on a graph.</li> </ul> <p><b>Use random sampling to draw inferences about a population.</b></p> <ul style="list-style-type: none"> <li>Use samples to gain information and make inferences about a group or population (e.g., According to the preferences shown by 9/10s of the students in class, most teens like pizza).</li> </ul> <p><b>Draw informal comparative inferences about two populations.</b></p> <ul style="list-style-type: none"> <li>Analyze data from a graph to compare two groups or populations.</li> </ul> <p><b>Investigate chance processes and develop, use and evaluate probability models.</b></p>	<p><b>Interpreting Categorical and Quantitative Data–Summarize, represent and interpret data on a single count or measurement variable.</b></p> <ul style="list-style-type: none"> <li>Create a graph to represent data.</li> <li>Interpret data from a graph.</li> <li>Compute the mean (average) and median of a data set.</li> </ul> <p><b>Interpreting Categorical and Quantitative Data–Summarize, represent and interpret data on two categorical and quantitative variables.</b></p> <ul style="list-style-type: none"> <li>Design questions and make a plan to conduct a survey to gather data.</li> <li>Compare data on a graph to show the relationship between two sets of data.</li> </ul> <p><b>Interpreting Categorical and Quantitative Data–Interpret linear models.</b></p> <ul style="list-style-type: none"> <li>Describe a rate of change based on a line on a graph.</li> </ul>

		<ul style="list-style-type: none"> <li>Determine the probability of an event occurring as likely, unlikely, certain or impossible (probability in weather conditions based on reports, etc.).</li> </ul>	<p><b>Making Inferences and Justifying Conclusions—Understand and evaluate random processes underlying statistical experiments.</b></p> <ul style="list-style-type: none"> <li>Determine the likelihood of an event based on a data sample.</li> <li>Evaluate reports based on data.</li> </ul>
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Math Standards for Functions			
K–2	3–5	6–8	9–12
		<p><b>Building Blocks to Functions</b></p> <ul style="list-style-type: none"> <li>Complete a function table containing at least 2 complete ordered pairs and one missing number of another ordered pair.</li> <li>Construct a graph based on a function table.</li> <li>Describe how a graph represents a relationship between two quantities.</li> </ul>	<p><b>Interpreting Functions—Understand the concept of a function and use function notation.</b></p> <ul style="list-style-type: none"> <li>Use functions to solve real-world problems.</li> </ul> <p><b>Interpreting Functions—Interpret functions that arise in applications in terms of the context.</b></p> <ul style="list-style-type: none"> <li>Describe the rate of change of a function using words and numbers.</li> </ul> <p><b>Building Functions—Build functions that model a relationship between two quantities.</b></p> <ul style="list-style-type: none"> <li>Create a function that represents the relationship between two quantities.</li> <li>Construct a graph that represents a defined change in a function.</li> </ul>



Math Standards for Number and Quantity			
K-2	3-5	6-8	9-12
			<p><b><i>The Real Number System—Extend the properties of exponents to rational exponents.</i></b></p> <ul style="list-style-type: none"> <li>Determine the value of a quantity that is squared or cubed.</li> </ul> <p><b><i>Quantities—Reason quantitatively and use units to solve problems.</i></b></p> <ul style="list-style-type: none"> <li>Express quantities to the appropriate precision of measurement.</li> </ul> <p><b><i>The Complex Number System—Perform arithmetic operations with complex numbers.</i></b></p> <ul style="list-style-type: none"> <li>Use the commutative, associative and distributive properties to add, subtract and multiply whole numbers.</li> <li>Solve real-world problems involving addition and subtraction of decimals, using models when needed.</li> <li>Solve real-world problems involving multiplication of decimals and whole numbers, using models when needed.</li> </ul>



Standards for Earth and Space Science			
	3-5	6-8	9-12
<ul style="list-style-type: none"> <li>● Observe and describe daily and seasonal changes in the weather.</li> <li>● Identify properties of air (temperature, wind speed, etc.).</li> <li>● Identify forms of water in the air (clouds, steam, fog, rain, snow, etc.).</li> <li>● Observe and describe the Sun, Moon and stars in relation to day and night.</li> <li>● Recognize the Sun as a source of energy that gives light and heat.</li> <li>● Determine the speed of an Earth event (earthquake, volcano eruption, rock erosion).</li> <li>● Identify ways to prevent land erosion (plant trees, dams, etc.).</li> <li>● Recognize areas of land and water on Earth's surface (ocean, lake, mountain, desert, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>● Recognize weather conditions and temperatures as the result of changes in Earth's cycles.</li> <li>● Identify Earth's renewable energy resources (air, water, Sun) and nonrenewable resources (oil, coal).</li> <li>● Identify ways to conserve (reduce and recycle) Earth's resources.</li> <li>● Identify and explore the relationship between Earth and the Sun.</li> <li>● Identify the Sun as one of many stars in the universe.</li> <li>● Recognize the relationship between day and night by referring to Earth's movement on its axis.</li> <li>● Recognize the relationship between the seasons by referring to Earth's movement around the Sun.</li> <li>● Observe ways that soil can hold water and support plant life.</li> </ul>	<ul style="list-style-type: none"> <li>● Explore the relationship of Earth to the Moon, Sun and planets.</li> <li>● Explore the phases of the Moon.</li> <li>● Recognize that the study of rock layers and fossils tells about the age of Earth.</li> <li>● Observe and compare rocks and minerals.</li> <li>● Recognize that geological events can change the physical features of Earth's surface.</li> <li>● Explain the water cycle.</li> <li>● Identify types of weather patterns.</li> <li>● Explore the Earth's atmosphere, including changes in the atmosphere (air pollution, temperature, etc.).</li> <li>● Explain reasons for conservation and identify ways to reduce, reuse and recycle that will benefit the environment.</li> </ul>	<p><b>Environmental Science</b></p> <ul style="list-style-type: none"> <li>● Explore the relationship and motion of the solar system.</li> <li>● Investigate the impact of geological events on Earth's surface (earthquakes, hurricanes, fires, etc.).</li> <li>● Identify Earth's layers.</li> <li>● Identify types, causes and consequences of land, water and air pollution.</li> <li>● Explore scientific ways to measure, predict and report weather conditions.</li> <li>● Identify and describe ways that humans have changed the environment (deforestation, waste management, etc.).</li> <li>● Understand the importance of and participate in ways to reduce, reuse and recycle in order to save resources.</li> </ul>

<ul style="list-style-type: none"> <li>Observe and identify water and the ways it can change (ice, rain, snow, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>Identify the effects of weather/erosion on Earth's surface.</li> <li>Recognize areas of land and water on the Earth's surface (ocean, lake, mountain, desert, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>Identify the impact of natural disasters and how humans can prepare for them.</li> </ul>	<ul style="list-style-type: none"> <li>Identify and describe benefits of alternative energy, including the Sun's role in creating energy.</li> <li>Describe the causes and impact of climate change.</li> <li>Describe the impact of the environment on rock formation.</li> <li>Explore the development of Earth's surface over time (plate tectonics, erosion, glaciers, volcanoes).</li> </ul>
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Standards for Life Science			
K-2	3-5	6-8	9-12
<ul style="list-style-type: none"> <li>Identify basic needs of plants and animals.</li> <li>Identify traits that help living things survive.</li> <li>Observe in what ways an offspring resembles its parents.</li> <li>Identify animals and their environment.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate an understanding of the life cycles of plants.</li> <li>Demonstrate an understanding of the life cycles of animals.</li> <li>Identify how structures of living things help plants and animals survive (leaves on a plant, wings on a bird, etc.).</li> <li>Identify how animals receive information (senses).</li> <li>Recognize how a plant uses energy from sunlight.</li> <li>Understand food webs and chains as interactions between producers and consumers.</li> <li>Observe in what ways an offspring resembles its parents.</li> <li>Identify environmental changes that affect plants and animals (natural disasters, seasons, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>Recognize that living things are made of cells.</li> <li>Recognize that living things are made of cells that have a function: Cells make up tissues and organs.</li> <li>Recognize that living things are made of cells that have a function: plant structures.</li> <li>Understand basic reproduction processes for plants and animals.</li> <li>Explain how plants and animals use behaviors and structures to attract mates (birds dance, colorful flowers, etc.).</li> <li>Observe the interdependence and energy transfer among people, plants and animals through a simple food chain.</li> </ul>	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Investigate basic body organs and systems and recognize the function of each.</li> <li>Identify the basic process that plants use to make food (photosynthesis).</li> <li>Recognize the diversity of organisms by sorting plants and animals according to their classification.</li> <li>Recognize the interdependence of plants and animals and changes over time.</li> <li>Identify how plants and animals adapt to their environment.</li> <li>Explore how food provides energy to humans.</li> </ul>

	<ul style="list-style-type: none"> <li>Recognize that fossils reveal information about plants and animals that lived long ago.</li> </ul>	<ul style="list-style-type: none"> <li>Identify the basic process that plants use to make food (photosynthesis).</li> <li>Identify the abiotic and biotic characteristics of different biomes.</li> <li>Identify traits inherited through genes (DNA).</li> <li>Recognize that animals and plants evolve.</li> <li>Recognize what is helpful or harmful to an ecosystem (biodiversity, human activity, availability of resources, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>Explore DNA as the blueprint for traits passed from parent to offspring: characteristics, tendencies for certain diseases and so on.</li> <li>Identify ways in which human activity positively or negatively impacts the environment and biodiversity (e.g., pollution, damaging habitats, overhunting).</li> <li>Describe how energy is transferred in environments (e.g., food chains, carbon cycling).</li> <li>Identify types of natural cycles (water cycle, carbon cycle, nitrogen cycle, etc.) and their stages.</li> </ul>
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Standards for Physical Science			
K–2	3–5	6–8	9–12
<ul style="list-style-type: none"> <li>Explore the way things move (fast or slow, in a straight line, etc.).</li> <li>Observe how heat and cold can change some materials (water to ice; ice to water, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>Describe the effect of a force on an object.</li> <li>Describe the motion of objects (force, speed, etc.).</li> <li>Observe and identify common forms of energy (heat, light, sound; electric and magnetic sources).</li> </ul>	<ul style="list-style-type: none"> <li>Explore applications of state of matter, including physical (size, shape, state, or appearance) or chemical changes (transformation to a different kind of matter).</li> </ul>	<p><b>Physics and Chemistry</b></p> <ul style="list-style-type: none"> <li>Identify and investigate entries in the periodic table of elements in relation to real-world product uses (gold in jewelry, aluminum in foil wrap, etc.).</li> </ul>

<ul style="list-style-type: none"> <li>● Explore sounds and how they are made.</li> <li>● Identify how changes in light affect the appearance of an object.</li> <li>● Sort and describe objects and materials according to recognizable properties.</li> </ul>	<ul style="list-style-type: none"> <li>● Observe ways that electricity transfers to make things work.</li> <li>● Recognize sources of sound.</li> <li>● Recognize sources of light.</li> <li>● Recognize states of matter: liquid, solid, gas.</li> <li>● Observe simple physical changes (melting, freezing, etc.).</li> </ul>	<ul style="list-style-type: none"> <li>● Explore the motion of objects with variables, such as speed, distance and height.</li> <li>● Recognize common elements from the Periodic Table of Elements (including metals and nonmetals).</li> <li>● Explore gravitational forces.</li> <li>● Explore kinetic and potential energy.</li> <li>● Identify ways that energy is transferred that results in a change of temperature.</li> <li>● Explore waves (light and sound) and their interaction with various materials (reflected, absorbed or transmitted).</li> <li>● Explore technology and ways in which it influences quality of life.</li> <li>● Explore electrical and magnetic forces between objects even if they are not in contact.</li> <li>● Explore technology and ways in which it influences quality of life.</li> </ul>	<ul style="list-style-type: none"> <li>● Recognize and investigate real-world examples of physical (size, shape, state, or appearance) and chemical changes (transformation to a different kind of matter) to matter.</li> <li>● Identify and investigate objects in motion in terms of distance, speed, position, acceleration, time and gravity.</li> <li>● Describe and investigate examples of energy and energy transfers in daily life (light bulb, car engine, sound in a radio, etc.).</li> <li>● Describe ways energy transforms from one form to another in daily life (electric ovens convert electrical energy to heat energy, kinetic energy changes to potential energy).</li> <li>● Investigate the effects of change in frequency, wavelength or speed on light and sound.</li> <li>● Describe how technologies use waves in everyday life.</li> <li>● Explore the electrical and magnetic forces and the way they can interact.</li> <li>● Describe ways energy transforms from one form to another in daily life (electric ovens convert electrical energy to heat energy, kinetic energy changes to potential energy).</li> </ul>
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Standards for Scientific Inquiry			
K-2	3-5	6-8	9-12
<ul style="list-style-type: none"> <li>● Observe and ask questions about the natural environment.</li> <li>● Make simple observations and participate in simple investigations.</li> <li>● Use senses to learn about the natural environment.</li> <li>● Use simple tools to gather data.</li> <li>● Communicate with others about observations and investigations.</li> </ul>	<ul style="list-style-type: none"> <li>● Observe and ask questions about the natural environment.</li> <li>● Plan and conduct simple investigations.</li> <li>● Use tools to gather data.</li> <li>● Analyze data to reach an explanation.</li> <li>● Communicate with others about investigations.</li> </ul>	<ul style="list-style-type: none"> <li>● Identify questions that can be asked about the natural environment.</li> <li>● Conduct simple scientific investigations.</li> <li>● Use tools to gather data and information.</li> <li>● Analyze and interpret data.</li> <li>● Communicate procedures and explanations about an investigation.</li> </ul>	<ul style="list-style-type: none"> <li>● Identify questions to guide scientific investigations.</li> <li>● Conduct simple scientific investigations.</li> <li>● Use tools to gather data and information.</li> <li>● Analyze and interpret data.</li> <li>● Communicate and support findings.</li> <li>● Identify ways to stay safe in the Science lab during science investigations.</li> <li>● Describe why Science is important in everyday life.</li> </ul>

Social Studies Standards for History			
K–2	3–5	6–8	9–12
<ul style="list-style-type: none"> <li>Organize a sequence of events or dates on a timeline.</li> <li>Identify events or objects from the past or present</li> <li>Identify traditions of family, community or country.</li> <li>Share information about heritage and traditions in the country, state or community.</li> <li>Identify human needs of the past and present that influence the movement of people.</li> <li>Identify national symbols and holidays (e.g. American flag, bald eagle, July 4<sup>th</sup>, etc.)</li> <li>Share information about a historical figure and identify that person's contribution.</li> </ul>	<ul style="list-style-type: none"> <li>Create a timeline of local, state or national events.</li> <li>Create a narrative connecting the past and present.</li> <li>Describe similarities and differences between life today and life in the past.</li> <li>Describe features of the local community (land and water, culture, changes over time, etc.).</li> <li>Describe the influence of cultural practices of groups from different places on the formation of the community, state or nation.</li> <li>Compare past and present cultures of the state, country or community (e.g., life among Native Americans, settlers, immigrants).</li> <li>Describe reasons why people explore and move to new places, including results of the move.</li> <li>Identify reasons early settlers move.</li> <li>Describe important events in European's exploration and settlement of the land now known as the United States including the American Revolution.</li> </ul>	<p><b>World History</b></p> <ul style="list-style-type: none"> <li>Describe and sequence historical events from a specific historical period.</li> <li>Identify physical and human features of societies of the past (e.g., early civilization of Egypt, India, or China).</li> <li>Show how changes in communities or countries have had positive or negative consequences (e.g., Ancient Greece, Rome).</li> </ul> <p><b>U.S. History</b></p> <ul style="list-style-type: none"> <li>Describe and sequence historical events from a specific historical period.</li> <li>Compare physical and human-made features of the past with those of today.</li> <li>Describe results of great changes in the course of history (e.g., colonization of North America, American Revolution, emancipation of enslaved people, relations with Native Americans).</li> <li>Describe ways in which a country can expand and develop (e.g., westward movement in the United States, Industrial Revolution).</li> <li>Describe consequences of conflict and explain ways of solving disagreements (e.g., Civil War).</li> <li>Identify the diversity of cultural practices in groups within the United States.</li> <li>Describe how industry and technology changed American life.</li> </ul>	<p><b>American History</b></p> <ul style="list-style-type: none"> <li>Identify the cause or result of a historical event or period of time.</li> <li>Use multiple sources to create a sequence of events from a historical period.</li> <li>Identify social, economical and political reasons for the Declaration of Independence and the American Revolution.</li> <li>Describe ways that technology has changed workplaces, cities and communities (e.g., results of the Industrial Revolution to present day).</li> <li>Recognize that attitudes can reflect prejudice and discrimination (e.g., racial discrimination that continued after the Civil War, Nineteenth Amendment).</li> <li>Identify roles of leaders as peacekeepers in the community, state and country (e.g., emergence of the United States as a world leader after World War I).</li> <li>Recognize that working as a group can help identify a problem and develop a plan for its solution (e.g., The Great Depression and the New Deal).</li> <li>Consider a conflict situation and reasons for staying out of it or getting involved (e.g., World War II, nuclear arms).</li> <li>Explain how conflicts can be resolved through compromise (e.g., Cold War, Vietnam War).</li> <li>Describe contributions to our society by people of various cultures, races and ethnicities.</li> <li>Evaluate current national issues and their advantages or challenges to this country.</li> <li>Identify the regions of early colonies and describe characteristics of each.</li> </ul> <ul style="list-style-type: none"> <li>Identify early explorers and their motivations for their voyages.</li> <li>Identify and explain the important events leading up to the American Revolution.</li> <li>Identify the controversies of slavery.</li> <li>Describe the reasons for U.S. expansion.</li> <li>Identify the purpose of the US Constitution.</li> <li>Identify the major causes and consequences of the Civil War.</li> <li>Identify the causes and consequences of the Industrial Revolution.</li> <li>Identify and describe the causes and the consequences of the Cold War.</li> <li>Identify and describe the events that happened during the War of 1812.</li> <li>Identify the causes and consequences of World War I.</li> <li>Identify the causes and major events of the Spanish-American War.</li> </ul>



		<ul style="list-style-type: none"> <li>● Identify the causes and the impact of the Great Depression.</li> <li>● Identify the major causes and impacts of World War II.</li> <li>● Identify the purpose and the causes of the Civil Rights Movement.</li> <li>● Identify scientific and technological advances, including the space programs, and how they have changed our lives today.</li> <li>● Use a timeline to describe and analyze historical events.</li> <li>● Identify reasons why people study history.</li> <li>● Identify the geographical locations of Native American tribes.</li> <li>● Identify traditions and characteristics of different Native American tribes.</li> <li>● Identify roles of historians.</li> <li>● Identify how the role of women in society has changed throughout history.</li> <li>● Identify changes resulting from Reconstruction.</li> <li>● Recognize the United States' involvement in wars (Korean War, Vietnam War).</li> </ul> <p><b>World History</b></p> <ul style="list-style-type: none"> <li>● Identify the cause or result of a historical event or period of time.</li> <li>● Use multiple sources to create a sequence of events from a historical period.</li> <li>● Identify physical and human features of societies of the past (e.g., early civilization of Egypt, India, or China).</li> <li>● Show how changes in countries have had positive or negative consequences (e.g., Ancient Greece, Rome).</li> <li>● Describe ways technology and innovation led to global change (transportation to other countries, exploration, trade, etc.)</li> <li>● Describe consequences of conflict and explain ways of solving disagreements (e.g., war).</li> <li>● Evaluate current national issues and their advantages or challenges to this country.</li> <li>● Identify key people and events of the Byzantine empire and their influence on Western Civilization.</li> <li>● Identify the characteristics of the economic, political and social developments in Africa.</li> <li>● Identify ways early civilizations have influenced present-day society.</li> <li>● Identify the characteristics of the economic, political and social developments in South America.</li> <li>● Identify characteristics of the Renaissance era and identify its influence on culture today.</li> <li>● Identify examples of trade relationships between Indigenous cultures &amp; settlers.</li> <li>● Identify the major kingdoms in early modern sub-Saharan Africa: Axum, Ghana, Mali, Zimbabwe.</li> <li>● Identify examples of revolutions and their causes and consequences.</li> <li>● Identify the effects of the Industrial Revolution.</li> </ul>
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<b>Social Studies Standards for Government</b>			
<b>K-2</b>	<b>3-5</b>	<b>6-8</b>	<b>9-12</b>
<ul style="list-style-type: none"> <li>● Identify authority figures in the home, school and community.</li> <li>● Identify the purpose for rules in various situations and the consequences for not following them.</li> <li>● Describe rights and responsibilities of being part of a group.</li> <li>● Work collaboratively to complete a group task.</li> <li>● Recognize voting as a means of selecting leaders or ending conflicts.</li> </ul>	<ul style="list-style-type: none"> <li>● Identify central authority figures (principal, governor, president, etc.) and the basic role of each.</li> <li>● Identify school, local, state and national laws and their purposes.</li> <li>● Identify rights of U.S. citizens that are guaranteed by the Constitution.</li> <li>● Explore the structure of the U.S., state and/or local government and their duties. (e.g., branches of government).</li> <li>● Explore local, state and national citizenship rights and responsibilities (e.g., voting, obeying laws).</li> <li>● Recognize that individual rights and responsibilities have consequences that may affect other individuals and groups.</li> </ul>	<ul style="list-style-type: none"> <li>● Recognize that governments have the power to make and enforce laws and regulations, levy taxes, declare war, etc.</li> <li>● Recognize the significance of the Declaration of Independence, the Bill of Rights and the Constitution in providing rights and freedoms in the United States.</li> <li>● Recognize the basic characteristics of American democracy.</li> <li>● Identify the branches of the U.S. government with the responsibilities of each and explain how the members of these groups work together to define the national government.</li> <li>● Identify the roles of national, state and local government leaders.</li> </ul>	<p><b>American Government</b></p> <ul style="list-style-type: none"> <li>● Identify key responsibilities of government (e.g., make laws, protect rights).</li> <li>● Identify the importance of laws.</li> <li>● Working with a group, identify a problem and create a plan to make an effective change.</li> <li>● Identify the three branches of the U.S. government and explain the function of each.</li> <li>● Identify key principles of the Constitution that define the structure of the government.</li> </ul>

	<ul style="list-style-type: none"> <li>• Recognize voting as a means for a group of people to make a decision.</li> </ul>	<ul style="list-style-type: none"> <li>• Compare the United States government with forms of government in other parts of the world (elected officials vs. constitutional monarchies, dictators, etc.).</li> <li>• Recognize that differences of opinion may exist between individuals and groups.</li> <li>• Recognize ways to contribute to the community through civic participation.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify public agencies or public policies and explain how they benefit citizens.</li> <li>• Identify the basic structure of state or local government and how these structures work with that of the federal government.</li> <li>• Identify different forms of governments.</li> <li>• Identify rights of citizens provided through key amendments to the Constitution.</li> <li>• Identify local issues and participate in the community to maintain or improve conditions.</li> <li>• Use information sources to investigate a current issue.</li> <li>• Analyze a conflict scenario and identify ways to resolve differences.</li> <li>• Identify key documents and their importance (Bill of Rights, Constitution of the United States, etc.).</li> <li>• Identify the major principles of the United States Constitution.</li> <li>• Identify the purposes of the Constitution and Bill of Rights.</li> <li>• Identify and explain the responsibilities of state, local and federal governments.</li> <li>• Identify and explain the importance of citizens voting in an election.</li> <li>• Identify the three branches of the U.S. government and describe the function of each.</li> <li>• Identify and describe the characteristics of different types of government (democracy, monarchy, etc.).</li> <li>• Explain the process of how a bill becomes a law.</li> <li>• Identify key responsibilities of citizens of the United States.</li> </ul>
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Social Studies Standards for Geography			
K-2	3-5	6-8	9-12
<ul style="list-style-type: none"> <li>● Use simple maps and symbols to locate a specific place.</li> <li>● Describe the items found on a physical map and distinguish between those that are natural geographical features and those that humans have made part of the environment.</li> <li>● Connect physical features of a community with jobs.</li> <li>● Identify human modifications to the environment and explain how these changes help or hurt the environment.</li> </ul>	<ul style="list-style-type: none"> <li>● Use maps and map tools to locate places, landmarks, land masses and water forms.</li> <li>● Identify locations on a map in relation to north, south, east and west.</li> <li>● Identify and distinguish geographical and human-made resources in the community, state or country.</li> <li>● Identify the United States on a globe and individual states or regions on a map.</li> <li>● Describe positive and negative consequences of changes to the environment (roads, buildings, etc.).</li> <li>● Describe forms of transportation and what they typically transport.</li> <li>● Describe how physical and cultural characteristics of a region can result in increased settlement of an area.</li> </ul>	<ul style="list-style-type: none"> <li>● Use maps, globes and Internet resources to obtain information on various locations (major cities, states, countries, mountains, oceans, etc.).</li> <li>● Recognize and use maps for different purposes (physical, political, weather, etc.).</li> <li>● Trace a route between two locations on a map.</li> <li>● Compare geographical (land, water, climate) and human-made (buildings, jobs) characteristics of different regions (e.g., desert or forest; farmland or city; New York or California).</li> <li>● Identify ways that transportation and communication technologies have helped bring people together from different locations.</li> <li>● Discuss reasons that early settlers had for moving from one area to another and explain why people of today continue to move.</li> <li>● Describe positive and negative consequences of changes to the environment (roads, buildings, etc.).</li> </ul>	<p><b>World Geography</b></p> <ul style="list-style-type: none"> <li>● Use globes, maps and Internet resources to locate various places and to gain information about those places.</li> <li>● Describe advantages and disadvantages of human activity that bring change to the environment (e.g., building or repairing infrastructure may benefit people but destroy animal habitat).</li> <li>● Identify renewable and nonrenewable resources and their uses.</li> <li>● Explain why communities change as a result of increasing or decreasing population (e.g., housing and other needs increase when people move into an area for employment).</li> <li>● Trace commonly used goods made in different parts of the world to understand worldwide trade.</li> <li>● Identify and compare common characteristics and features of specific regions.</li> <li>● Describe past and present features of a city or region, using population, jobs, culture and transportation as the basis for a comparison.</li> <li>● Describe ways that technological advances bring people together from around the world (Internet, air transportation, etc.).</li> </ul>

Social Studies Standards for Economics			
K-2	3-5	6-8	9-12
<ul style="list-style-type: none"> <li>● Compare amounts to determine <i>more</i> or <i>less</i>.</li> <li>● Recognize the difference between wants and needs.</li> <li>● Identify places where people buy or sell goods and services.</li> <li>● Distinguish between buying and selling.</li> <li>● Recognize that people earn money by doing a job or performing a chore.</li> <li>● Recognize that people must have money if they wish to buy products and services.</li> </ul>	<ul style="list-style-type: none"> <li>● Recognize that people use their wants and needs to decide what to buy.</li> <li>● Identify producers as people who make things or provide goods or services.</li> <li>● Identify consumers as people who buy or use goods and services.</li> <li>● Explain steps for producing and selling an item.</li> <li>● Identify places in the community (markets) where people make purchases.</li> <li>● Explain why certain items are produced in particular places (climate, resources, etc.).</li> <li>● Identify ways to earn money (income) and ways to spend money (expenses).</li> </ul>	<ul style="list-style-type: none"> <li>● Recognize why some goods are readily available in the community and others are hard to find.</li> <li>● Identify ways to make personal economic decisions based on wants and needs.</li> <li>● Identify ways businesses make economic decisions based on profit and cost.</li> <li>● Recognize how the wants and needs of people determine the goods and services produced.</li> <li>● Identify goods made in a factory or by machine.</li> <li>● Compare prices of similar goods.</li> <li>● Recognize why some goods and services are traded.</li> <li>● Identify purposes of banking services.</li> <li>● Identify ways to earn an income and results of loss of income.</li> </ul>	<p><b>Economics and Financial Literacy</b></p> <ul style="list-style-type: none"> <li>● Evaluate positive and negative consequences of a financial decision.</li> <li>● Compare prices of similar items and determine which is the best buy.</li> <li>● Explain that goods and services are produced on the basis of people's wants and needs.</li> <li>● Recognize that prices are determined by supply and demand.</li> <li>● Identify ways in which taxes generate money for federal and local government programs.</li> <li>● Identify goods and services made in the United States and those obtained from other countries.</li> <li>● Recognize that income is based on work skills, attitudes and job opportunities.</li> <li>● Recognize that personal earnings include deductions for taxes and benefits.</li> <li>● Create a simple, personal financial plan that includes short- and long-term goals.</li> <li>● Create a simple budget that includes income and expenses.</li> <li>● Identify advantages and disadvantages of ways to make purchases, including cash, credit and loans.</li> <li>● Identify reasons and ways to save money.</li> <li>● Identify reasons and ways to borrow money.</li> <li>● Identify differences between credit and debit cards.</li> <li>● Identify basic types of insurance (health, car, property, life, etc.) and the benefits of each.</li> <li>● Describe the concepts of scarcity and opportunity costs.</li> <li>● Identify what labor is and why it is essential to the economic system.</li> <li>● Identify and explain the concept of goods and services and its role in wants and needs.</li> <li>● Identify and describe supply and demand and how it is determined.</li> <li>● Identify the benefits of trade with individuals, businesses or governments.</li> </ul>



			<ul style="list-style-type: none"><li>• Identify the differences between saving, spending, debit and credit.</li></ul>
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