

The 1–12 Instructional Targets are incorporated into all monthly unit lesson plans and the core materials lesson plans in the K–12 grade bands. These targets reflect the essential content of academic standards. English Language Arts and Mathematics are aligned with the Common Core Standards. Science and Social Studies are based on a national review of rigorous state and national standards.

Reading Standards for Literature (Aligned with Common Core Standards)			
1-3	3-6	7-8	9-12
<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Answer questions about key details of a story.</li> <li>Retell a familiar story, including key details.</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>Identify words and phrases that contribute to meaning in a text.</li> <li>Recognize the difference between books that tell stories and books that give information.</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 characters and events in a 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>Answer questions and locate details in text to support an answer.</li> <li>Summarize a story to show understanding of the main theme and details.</li> <li>Describe characters, 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.</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 text.</li> <li>Compare themes and topics within the same genre.</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, fiction and nonfiction 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 questions to explain the main ideas, details and inferences of a story.</li> <li>Summarize the main theme and events of 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 and phrases in a text, including figurative meanings.</li> <li>Identify the structure of sentences, chapters or scenes that contribute to meaning of the text.</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> <ul style="list-style-type: none"> <li>Experience grade level and age-appropriate literature materials, including poems, biographies, chapter books, fiction and nonfiction 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 questions and use support from text to explain the main ideas, details and inferences of a story.</li> <li>Summarize the main theme of a text and support it by citing details and a sequence of events.</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>Identify and compare what is stated directly and what is implied in text.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Compare and contrast various ways to read, listen to and view stories and drama; identify personal preferences.</li> <li>Compare and contrast different genres; 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, biographies, chapter books, fiction and nonfiction works that are adapted to student reading level.</li> </ul>

Reading Standards for Informational Text (Aligned with Common Core Standards)			
1-3	3-6	7-8	9-12
<p><b>Key Ideas and Details</b></p> <ul style="list-style-type: none"> <li>Answer questions about key details in a text.</li> <li>Identify the main idea in informational text.</li> <li>Identify a sequence of events or steps in a procedure.</li> </ul> <p><b>Craft and Structure</b></p> <ul style="list-style-type: none"> <li>Identify words and phrases that contribute to meaning in a text.</li> <li>Use text features to locate key information in a text.</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 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>Answer questions to show understanding of text.</li> <li>Summarize text and describe main idea and key details.</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>Determine meaning of subject-related words.</li> <li>Use text features (charts, bolded words, etc.) and illustrations to locate information in a text.</li> <li>Identify the type of informational text (fact-based article, schedule, recipe, etc.).</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 a text.</li> <li>Combine content 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>Answer questions and locate information in text to support the main idea and key details.</li> <li>Summarize the central idea and main events of 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 purpose of an informational text.</li> <li>Identify the structure of a text, including sentences in a paragraph, chapter or section, as it supports the text purpose.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Identify relevant information in a text.</li> <li>Evaluate different media (print, digital, etc.) as a means to gain information on a 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>Answer questions and locate information in text to support both the main idea and inferences drawn from the text.</li> <li>Summarize the central idea and specific supporting details of 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 purpose of a text.</li> </ul> <p><b>Integration of Knowledge and Ideas</b></p> <ul style="list-style-type: none"> <li>Integrate and evaluate information from different media that show same and different viewpoints.</li> <li>Experience information from leveled text related to U.S. documents and those of historical significance.</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>

Reading Standards for Foundational Skills (Aligned with Common Core Standards)			
K–2	3–5	6–8	9–12
<p><b>Print Concepts</b></p> <ul style="list-style-type: none"> <li>Demonstrate 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 letters of the alphabet.</li> <li>Identify organizational features of a sentence (first word, ending punctuation, etc.).</li> </ul> <p><b>Phonological Awareness</b></p> <ul style="list-style-type: none"> <li>Match spoken words to pictures within phonological awareness activities.</li> <li>Demonstrate an understanding of syllables and sounds within spoken words.</li> <li>Identify rhyming words.</li> <li>Blend onset and rime to identify a spoken word.</li> <li>Distinguish initial, medial and final sounds in a spoken word.</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>Apply basic phonics skills to read new words.</li> <li>Read high-frequency sight words.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>Read appropriately leveled text with purpose and understanding.</li> </ul>	<p><b>Phonics and Word Recognition</b></p> <ul style="list-style-type: none"> <li>Read common sight words (e.g., high-frequency items from Dolch/Fry list and commonly occurring words in the environment).</li> <li>Use letter-sound knowledge and patterns to decode words.</li> </ul> <p><b>Fluency</b></p> <ul style="list-style-type: none"> <li>Read appropriately leveled books with accuracy and fluency.</li> </ul>		

Standards for Writing (Aligned with Common Core Standards)			
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>(Begins in Grade 3)</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 given sources to build knowledge on a topic.</li> <li>Recall and categorize details from experiences or print and digital sources.</li> <li>Gather information from (adapted) literary or informational materials.</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 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> <li>Gather information from (adapted) literary or informational materials.</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 and Present Knowledge</b></p> <ul style="list-style-type: none"> <li>Research and gather information to answer a question or solve a problem.</li> <li>Generate a written text to summarize information from multiple sources; cite sources.</li> <li>Gather information from (adapted) literary or informational materials.</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 (Aligned with Common Core Standards)			
1-3	4-6	7-8	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,</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 (Aligned with Common Core Standards)			
1-3	4-6	7-8	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 (begins in grade 2).</li> </ul> <p><b>Vocabulary Acquisition and Use</b></p> <ul style="list-style-type: none"> <li>Use context and word clues to determine the meaning of unknown or multiple-meaning words within text.</li> <li>Sort words into categories.</li> <li>When speaking, use words and phrases acquired through reading and conversation.</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 interrogatory sentences.</li> <li>Generate a written sentence with appropriate capitalization, punctuation and spelling.</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, word structures or glossaries to determine the meaning of unknown words.</li> <li>Identify the meaning of simple figurative language (similes and metaphors).</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, punctuation and spelling in 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, word structures or reference materials to determine the meaning of unknown words.</li> <li>Use words acquired through academic 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>Apply conventions of grammar when speaking or writing.</li> <li>Apply correct capitalization, punctuation and spelling in 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, word structures or reference materials to determine the meaning of unknown words.</li> <li>Use words acquired through academic and domain-specific sources when speaking and writing.</li> </ul>

Math Standards for Counting and Cardinality (Aligned with Common Core Standards)			
1-3	3-6	7-8	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> </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>	<p><b>Building Blocks to Counting and Cardinality</b></p> <ul style="list-style-type: none"> <li>Read and write numerals.</li> <li>Count a number of objects.</li> </ul>		

Math Standards for Operations and Algebraic Thinking (Aligned with Common Core Standards)		Math Standards for Expressions and Equations	Math Standards for Algebra
1-3	3-6	7-8	9-12
<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>Add and subtract within ranges of 1–10 and 1–20.</li> <li>Use objects, representations and numerals to solve real-life word problems.</li> <li>Understand and use +, – and = symbols when solving problems.</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>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>Gain familiarity with factors and multiples.</b></p> <ul style="list-style-type: none"> <li>Model multiplication and division by making groups of equal sizes.</li> </ul> <p><b>Write and interpret numerical expressions.</b></p> <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>Building Blocks to Expressions and Equations</b></p> <ul style="list-style-type: none"> <li>Understand and use +, – and = symbols in problems.</li> <li>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>Write, read and solve expressions in which letters stand for unknown numbers within a real-world scenario.</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 multi-step word problems that include a sequence of operations to reach a solution.</li> </ul>	<p><b>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> <li>Understand and use +, – and = in problems.</li> <li>Solve addition and subtraction problems.</li> <li>Model and solve problems involving multiplication or division.</li> </ul> <p><b>Seeing Structure in Expressions–Interpret the structure of expressions.</b></p> <ul style="list-style-type: none"> <li>Represent a real-world situation with a numeric expression.</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>Solve multi-step problems that include a sequence of operations to reach a solution.</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 and algebraic expression.</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., <math>&lt;</math> and <math>&gt;</math>) to solve real-world problems in which a part is unknown.</li> </ul>

Math Standards for Numbers and Operations in Base Ten (Aligned with Common Core Standards)		Math Standards for The Number System	
<b>1-3</b>	<b>3-6</b>	<b>7-8</b>	<b>9-12</b>
<p><b>Understand place value.</b></p> <ul style="list-style-type: none"> <li>Model to show understanding of tens and ones (e.g., 10 is a bundle of ones; <math>16 = 10 + 6</math>).</li> <li>Compose (put together) or decompose (break apart) a two-digit number (e.g., <math>27 = 2</math> tens and 7 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 <math>&gt;</math>, <math>&lt;</math> or <math>=</math>.</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>Understand the place value system.</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 visual representations to illustrate or compare decimals to the tenths' or hundredths' place.</li> <li>Compare multi-digit numbers by use of symbols: <math>&gt;</math>, <math>&lt;</math> or <math>=</math>.</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>Building Blocks to The Number System</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> <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> </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>Solve real-world problems involving positive and negative numbers (use of a number line, temperatures including negative numbers, etc.).</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.</li> <li>Use all operations to solve real-world problems with whole numbers to 100.</li> </ul>	

Math Standards for Numbers and Operations with Fractions (Aligned with Common Core Standards)		Math Standards for The Number System	
<b>1-3</b>	<b>3-6</b>	<b>7-8</b>	<b>9-12</b>
	<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>1/2</math>, <math>1/3</math>, <math>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>1/2</math>, <math>1/3</math>, <math>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>1/2</math>, <math>1/3</math>, <math>1/4</math>, <math>1/8</math>, <math>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 (Aligned with Common Core Standards)			
1-3	3-6	7-8	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 the hour and half hour.</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>Solve real-world problems, including use of operations that involve intervals of time.</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> <li>Answer questions to interpret data on graphs.</li> </ul>	<p><b>Life Skills for Measurement</b></p> <ul style="list-style-type: none"> <li>Select units and accurately use measurement tools in the context of a daily living activity.</li> <li>Solve problems involving measurement.</li> <li>Apply knowledge of time 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 in the context of a daily living activity.</li> <li>Solve problems involving measurement.</li> <li>Apply knowledge of time 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>

Math Standards for Geometry (Aligned with Common Core Standards)			
1-3	3-6	7-8	9-12
<p><b>Identify and describe shapes.</b></p> <ul style="list-style-type: none"> <li>Identify basic shapes by name (square, circle, triangle, rectangle, etc.) and describe attributes (number of sides, size, etc.).</li> <li>Describe positions of objects and shapes in the environment with positional vocabulary (<i>in, on, under, beside</i>, etc.).</li> </ul> <p><b>Reason with shapes and their attributes.</b></p> <ul style="list-style-type: none"> <li>Define two-dimensional shapes as being flat and three-dimensional shapes as being solid.</li> <li>Compare two-dimensional shapes and describe their similarities and differences.</li> <li>Partition circles and rectangles into two or four parts (halves, fourths).</li> </ul>	<p><b>Reason with shapes and their attributes. 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>Sort and label shapes by multiple defining attributes.</li> <li>Classify figures on the basis of angles and parallel lines.</li> <li>Describe attributes of two-dimensional shapes (number of sides and angles, straight and curved lines, etc.).</li> <li>Partition shapes into equal parts and express these parts as fractions.</li> </ul> <p><b>Graph points on the coordinate plane to solve real-world and mathematical problems.</b></p> <ul style="list-style-type: none"> <li>Identify and plot points on a coordinate plane.</li> <li>Identify the distance between two points on a coordinate plane.</li> </ul>	<p><b>Building Blocks to Geometry</b></p> <ul style="list-style-type: none"> <li>Sort and label shapes by multiple defining attributes.</li> <li>Identify and plot points on a coordinate plane.</li> </ul> <p><b>Solve real-world and mathematical problems involving area, surface area and volume; solve real-life and mathematical problems involving angle measure, area, surface area and volume; solve real-world and mathematical problems involving volume of cylinders, cones and spheres.</b></p> <ul style="list-style-type: none"> <li>Use measurement units to determine the perimeter of a rectangular figure or area.</li> <li>Determine the area of a rectangle by positioning rows and counting unit squares that do not overlap.</li> <li>Determine the area of a rectangle by measuring and multiplying whole number side lengths (area = length x width).</li> <li>Solve real-world problems involving scaled drawings on a coordinate plane.</li> <li>Solve real-world problems involving area, surface area and volume of three-dimensional objects, including cubes, rectangular prisms and cylinders.</li> <li>Apply understanding of the area and circumference of a circle to real-world problems.</li> </ul>	<p><b>Congruence–Experiment with transformations in the plane.</b></p> <ul style="list-style-type: none"> <li>Identify points, lines, line segments and angles (right, acute, obtuse) 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 items of similar size and shape.</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>Identify shapes by similar attributes (e.g., similar angles).</li> <li>Identify parts of a right triangle (right angle, legs) in real-world objects and areas.</li> </ul> <p><b>Circles–Understand and apply theorems about circles.</b></p> <ul style="list-style-type: none"> <li>Identify parts of a circle (radius, circumference, diameter) in real objects and areas.</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>Identify and compare three-dimensional objects that have volume.</li> </ul> <p><b>Modeling with Geometry–Apply geometric concepts in modeling situations.</b></p> <ul style="list-style-type: none"> <li>Identify shapes in real-world two-and three-dimensional objects.</li> </ul>

Math Standards for Ratios and Proportional Relationships (Aligned with Common Core Standards)			
1-3	3-6	7-8	9-12
		<p><b>Understand ratio concepts and use ratio reasoning to solve problems.</b>  <b>Analyze proportional relationships and use them to solve real-world and mathematical 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> <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 (Aligned with Common Core Standards)			
1-3	3-6	7-8	9-12
		<p><b>Building Blocks to Statistics and Probability</b></p> <ul style="list-style-type: none"> <li>Compare data and explain meaning.</li> <li>Read, construct and interpret 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> </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 two graphs to compare two groups or populations.</li> </ul> <p><b>Investigate chance processes and develop, use and evaluate probability models.</b></p> <ul style="list-style-type: none"> <li>Determine the probability of an event's occurring as likely, unlikely, certain or impossible (probability in weather conditions based on reports, etc.).</li> </ul>	<p><b>Summarize, represent and interpret data on a single count or measurement variable.</b></p> <ul style="list-style-type: none"> <li>Create a bar graph to represent data.</li> <li>Interpret data from a bar graph.</li> <li>Compute the mean (average) and median of a data set.</li> </ul> <p><b>Summarize, represent and interpret data on two categorical and quantitative variables.</b></p> <ul style="list-style-type: none"> <li>Compare data on a graph to show the relationship between two sets of data.</li> </ul> <p><b>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> <p><b>Understand and evaluate random processes underlying statistical experiments.</b></p> <ul style="list-style-type: none"> <li>Determine the likelihood of an outcome by using a data-generating device (spinner, coin, dice).</li> <li>Evaluate reports based on data.</li> </ul>

Standards for Earth and Space Science			
1-3	3-6	7-8	9-12
<ul style="list-style-type: none"> <li>Observe and describe the Sun, Moon and stars in relation to day and night.</li> <li>Observe and describe daily and seasonal changes in the weather.</li> <li>Recognize the Sun as a source of energy that gives light and heat.</li> <li>Observe and identify water and the ways it can change (ice, rain, snow, etc.).</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> </ul>	<ul style="list-style-type: none"> <li>Observe ways that soil can hold water and support plant life.</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>Recognize areas of land and water on Earth's surface (ocean, lake, mountain, desert, etc.).</li> <li>Identify Earth as a planet in the solar system.</li> <li>Identify the Sun as one of many stars in the universe.</li> <li>Recognize the relationship between day and night and identify the seasons by referring to Earth's movement around the Sun.</li> <li>Recognize weather conditions and temperatures as the result of changes in Earth's cycles.</li> </ul>	<ul style="list-style-type: none"> <li>Observe and compare rocks and minerals.</li> <li>Recognize ways that rocks, minerals and soil are used (gravel for roads, agriculture uses, metals and gems, etc.).</li> <li>Explain the water cycle.</li> <li>Explore the differences between climate and weather.</li> <li>Explore the relationship of Earth to the Moon and Sun.</li> <li>Explore Earth's atmosphere, including changes in the atmosphere (air pollution, temperature, etc.).</li> <li>Identify types of weather phenomena.</li> <li>Identify geologic processes that change the Earth's surface (earthquakes, floods, volcanoes, etc.).</li> <li>Recognize that the study of rock layers and fossils tells about the age of Earth.</li> <li>Identify Earth's layers.</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>Investigate the impact of geological events that impact Earth's surface (earthquakes, hurricanes, fires, etc.).</li> <li>Explore scientific ways to measure, predict and report weather conditions.</li> <li>Identify types, causes and consequences of land, water and air pollution.</li> <li>Identify and describe benefits of alternative energy.</li> <li>Identify and describe ways that humans have changed the environment (deforestation, waste management, etc.).</li> <li>Participate in ways to reduce, reuse and recycle in order to save resources.</li> </ul>

Standards for Life Science			
1-3	3-6	7-8	9-12
<ul style="list-style-type: none"> <li>Identify traits that help living things survive.</li> <li>Identify basic needs of plants and animals.</li> <li>Identify animals and their environment.</li> <li>Identify ways in which animals make changes to the environment.</li> <li>Recognize that fossils are physical traces of plants and animals preserved in rock.</li> <li>Recognize that some living things that once lived are no longer living (extinction).</li> </ul>	<ul style="list-style-type: none"> <li>Observe in what ways an offspring resembles its parents.</li> <li>Identify how structures of living things help plants and animals survive (leaves on a plant, wings on a bird, etc.).</li> <li>Demonstrate an understanding of the life cycles of plants and animals.</li> <li>Identify environmental changes that affect plants and animals (natural disasters, seasons, etc.).</li> <li>Recognize that fossils reveal information about plants and animals that lived long ago.</li> <li>Understand food webs and chains as interactions between producers and consumers.</li> <li>Recognize how a plant uses energy from sunlight.</li> </ul>	<ul style="list-style-type: none"> <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: Plants, animals and humans inherit characteristics from parents.</li> <li>Identify traits inherited through genes (DNA).</li> <li>Recognize that living things are made of cells that have a function: plant structures.</li> <li>Identify the basic process that plants use to make food (photosynthesis).</li> <li>Observe the interdependence among people, plants and animals through a simple food chain.</li> <li>Identify characteristics of different biomes.</li> <li>Understand basic reproduction processes for plants and animals.</li> </ul>	<p><b>Biology</b></p> <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 how plants and animals adapt to their environment.</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>Investigate basic body organs and systems and recognize the function of each.</li> </ul>

Standards for Physical Science			
K–2	3–5	6–8	9–12
<ul style="list-style-type: none"> <li>Sort and describe objects and materials according to recognizable properties.</li> <li>Identify objects that make sound.</li> <li>Observe how heat and cold can change some materials (e.g., water to ice; ice to water).</li> <li>Explore the way things move (fast or slow; in a straight line, etc.).</li> <li>Recognize that energy is needed to make things move or work.</li> <li>Identify gravity as a force on Earth.</li> <li>Investigate tools that make things work.</li> </ul>	<ul style="list-style-type: none"> <li>Recognize states of matter: liquid, solid, gas.</li> <li>Observe simple physical changes (melting, freezing, etc.).</li> <li>Observe and identify common forms of energy (heat, light, sound; electrical, magnetic).</li> <li>Observe ways that electricity transfers to make things work.</li> <li>Recognize sources of light and sound.</li> <li>Describe the motion of objects (force, speed, etc.).</li> <li>Investigate technology uses that affect human life.</li> </ul>	<ul style="list-style-type: none"> <li>Explore applications of state of matter, including physical and chemical changes in real-world situations.</li> <li>Explore the motion of objects with variables, such as speed, distance and height.</li> <li>Observe simple examples of mixtures and compounds.</li> <li>Recognize common elements from the Periodic Table of Elements (including metals and nonmetals).</li> <li>Identify ways that energy is transferred (electrical energy to light, sound, etc.).</li> <li>Explore electrical, gravitational and magnetic forces.</li> <li>Explore technology and ways in which it influences quality of life.</li> </ul>	<p><i>Physical Science</i></p> <ul style="list-style-type: none"> <li>Recognize and investigate real-world examples of physical and chemical changes to matter.</li> <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> <li>Describe and investigate examples of energy and energy transfers in daily life (light bulb, car engine, sound in a radio, etc.).</li> <li>Identify and investigate objects in motion in terms of distance, speed, position, acceleration and time.</li> <li>Identify technologies in everyday life that meet human needs.</li> </ul>
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> </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>Identify human needs of the past and present.</li> <li>Share information about a historical figure and identify that person's contribution.</li> <li>Share information about heritage and traditions in the community or country.</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 features of the local community (land and water, culture, changes over time, etc.).</li> <li>Describe cultural practices of groups in different places.</li> <li>Compare past and present culture of the state, country or community (e.g., life among Native Americans, settlers, immigrants).</li> <li>Recognize the results of exploration and colonization of the United States.</li> <li>Describe similarities and differences between life today and life in the past.</li> </ul>	<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> <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 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 and around the world.</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, economic 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).</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 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 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 how society allows for increased participation by people of various cultures, races and ethnicities (e.g., Martin Luther King, Jr.).</li> <li>Describe how society improves quality of life through modern technology (e.g., advances in technology).</li> <li>Evaluate current national issues and their advantages or challenges to this country.</li> <li>Identify reasons that countries around the world share environmental concerns.</li> </ul>

Social Studies Standards for Government			
1-3	3-6	7-8	9-12
<ul style="list-style-type: none"> <li>Recognize and demonstrate appropriate personal accountability choices.</li> <li>Work collaboratively to complete a group task.</li> <li>Identify authority figures in the home, school and community.</li> <li>Recognize and follow rules specific to a situation.</li> <li>Recognize the consequences of failure to follow rules in specific situations.</li> </ul>	<ul style="list-style-type: none"> <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> <li>Gather information to make an informed decision.</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>Identify central authority figures (principal, governor, president, etc.) and the basic role of each.</li> <li>Recognize the different branches of the U.S. government and the basic duties of each branch.</li> <li>Recognize voting as a means of selecting government leaders.</li> </ul>	<ul style="list-style-type: none"> <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> <li>Recognize the basic characteristics of American democracy.</li> <li>Recognize the significance of the Declaration of Independence, the Bill of Rights and the Constitution in providing for rights and freedoms in the United States.</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>Compare the United States government with forms of government in other parts of the world (elected officials vs. constitutional monarchies, dictators, etc.).</li> </ul>	<p><b>American Government</b></p> <ul style="list-style-type: none"> <li>Working with a group, identify a problem and create a plan to make an effective change.</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 principles of the Constitution that define the structure of the government.</li> <li>Identify key amendments to the Constitution that extend citizens' rights.</li> <li>Identify the three branches of the U.S. government and explain the function of each.</li> <li>Describe the basic rights of citizens as defined in the Bill of Rights and explain the responsibilities of citizens.</li> <li>Identify the basic structure of state government and how this structure works with that of the federal government.</li> <li>Identify local issues and participate in the community to maintain or improve conditions.</li> <li>Identify public agencies or public policies and explain how they benefit citizens.</li> </ul>

Social Studies Standards for Geography			
1-3	3-6	7-8	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 natural and human-made resources in the community, state or country.</li> <li>Identify the United States on a globe and individual states 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 (products or people).</li> </ul>	<ul style="list-style-type: none"> <li>Use maps, globes and Internet resources to obtain information on locations (major cities, states, countries, mountains, oceans, etc.).</li> <li>Recognize and use different purposes for maps (physical, political, weather, etc.).</li> <li>Trace a route between two locations on a map.</li> <li>Compare physical (land, water, climate) and human (buildings, jobs) characteristics of different regions (e.g., desert or forest; farm land or city; Ohio or California).</li> <li>Identify ways that transportation and communication technologies have helped bring people together.</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> </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 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			
1-3	3-6	7-8	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 ways to display and compare information (graphs, tables, charts, etc.).</li> <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>• 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 machines.</li> <li>• Recognize why some goods are readily available in the community and others are hard to find.</li> <li>• Compare prices of similar goods.</li> <li>• Identify purposes of banking services.</li> </ul>	<p><b><i>Economics and Financial Literacy</i></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> </ul>