

Grade 1 - Mathematics

Enduring Understandings (aligned to CCCS 2010)	Areas of Focus
<ul style="list-style-type: none">• Manipulatives can be used to develop one-to-one counting strategies.• Computational fluency includes understanding the meaning and the appropriate use of numerical operations.• Data can be represented, described, summarized, compared, analyzed, and interpreted using various representations.• What we measure affects how we measure it.• Geometry and spatial sense offer ways to interpret and reflect on our physical environment.• Coins have differing values and can be used to purchase items in our daily lives.	<ul style="list-style-type: none">• Develop strategies for counting sets by ones.• Count to 120.• Explore ways to compose and decompose numbers as they view, create, and re-create arrangements for the numbers to 20.• Develop fluency for addition and subtraction within 10.• To sort and classify data• To represent and describe data using bar graphs and Venn diagrams.• Build a foundation for accurate linear measurement using nonstandard and standard units• To describe and compare 2-D and 3-D shapes• To explore the relationship between 2-D and 3-D shapes• Recognize penny, nickel, dime and quarter by sight.• Identify coin values in cents.• Find the value of a combination of coins up to \$1.00.

Grade 1 - Science

Enduring Understandings	Areas of Focus
<ul style="list-style-type: none"> • Scientific inquiry involves asking scientifically-oriented questions, collecting evidence safely, forming explanations, connecting explanations to scientific knowledge and theory, and communicating and justifying explanations. • Animals and Plants are living things that have needs to stay alive. • Living things have special parts or behaviors that help them. • Plants and Animals need each other. • Living things have similarities and differences. • Different areas have places where animals and plants find their basic needs. • Plants and Animals have special parts that help them live in specific habitats. • The Earth has many natural resources that people use. • Protect natural resources to make them last. • Weather can be observed, described and measured. • Each Season has characteristic weather. • The Sun, Moon and Stars are sky objects that appear to move because the Earth rotates. • Matter can be observed, described, and measured. • Heating and Cooling can change matter. • What is Heat? • What can Light do? • What is Sound? 	<ul style="list-style-type: none"> • Question, Hypothesize, Conduct Experiment, Observe and Collect Data, Analyze Data, Draw and Share Conclusions • Safety • Living v. Nonliving Things • Compare and contrast the world of living things • Habitats – Polar, Rainforest, Temperate Forest, Desert, Ocean • Types of Plants found in various habitats • Types of animals found in various habitats • Natural Resources • Reduce, Reuse & Recycle • Causes and effects of pollution • Temperature • Measurement • Clouds, Rain, Extreme Weather • Day and Night Sky • Introduction to Moon Phases • Introduction to Stars • Solids, Liquids and Gases • Classifying and sorting matter • Heat – Sun and other sources • Light – Light, Shadows, Reflection • Sound – Vibration, Pitch and Volume

Grade 1 – Language Arts

Enduring Understandings	Areas of Focus
<ul style="list-style-type: none"> ● As a basis of learning and communication, reading, writing, speaking and listening are life skills that are built throughout grades K – 12. ● We can comprehend and evaluate texts across a range of disciplines. ● We build upon others’ ideas, articulate our own, and confirm our ideas have been understood. ● We use standard English and a wide-ranging vocabulary to communicate orally and in writing. ● We adapt our communication in relation to audience, task, purpose, and discipline. ● We set and adjust purpose for reading, writing, speaking, listening, and language as warranted by the task. ● We appreciate nuances, such as how the composition of an audience should affect tone when speaking and how the connotations of words affect meaning. ● We know that different disciplines call for different types of evidence. ● We are engaged and open-minded – but discerning – readers and listeners. ● We cite specific evidence when offering an oral or written interpretation of a text. ● We use relevant evidence when supporting our own points in writing and speaking, making our reasoning clear to the reader or listener, and constructively evaluate others’ use of evidence. ● We use technology thoughtfully to enhance our reading, writing, speaking, listening, and language use. 	<ul style="list-style-type: none"> ● Reader’s Workshop: <ul style="list-style-type: none"> ○ Readers Build Good Habits ○ Readers Use Strategies to Figure Out Words ○ Readers Think and Talk About Books to Develop Ideas ○ Retelling and Story Mapping ○ Asking Questions and Making Connections ○ Visualizing and Creating Sensory Images ○ Strategies for Checking Information ○ Readers Pursue Their Interests in Books and Other Texts ○ Poetry ● Writer’s Workshop: <ul style="list-style-type: none"> ○ Personal Narrative ○ Writing Skills and Strategies ○ Revision ○ Informational Text / Research Report ○ Non-fiction Writing / How to Books ○ Opinion Writing / Book Reports ○ Letter Writing ○ Authors as Mentors ○ Poetry ● Foundations: <ul style="list-style-type: none"> ○ Letter formation, print knowledge, alphabetic awareness, phonological and phonemic awareness ○ Segment words into syllables and syllables into sounds – up to five sounds ○ Name corresponding letter(s) and short and long vowels when given letters ○ Name corresponding letter(s) when given sounds of letters and vowels ○ Word structures: blends, digraphs, basewords, suffixes, syllable types (closed and vowel-consonant-e syllables) ○ Read and spell closed and vowel-consonant-e syllable type s

Grade 1 – Language Arts

Enduring Understandings

Areas of Focus

- swords
- Read and spell compound words and other words with two syllables
- Read and spell words with s, es, ed, ing suffixes
- Read and spell words with unexpected vowel sounds
- Read and spell targeted high-frequency, non-phonetic words
- Construct sentences using vocabulary words
- Read with fluency, expression, and understanding
- Dictionary skills
- Punctuation (period, question mark, exclamation point)
- Capitalization rules
- Retell short narrative stories and facts from expository text

Grade 1 – Social Studies

Enduring Understandings

- Family, community, and government provide people with a needed support structure.
- Every member of a family, community, and country has a duty.
- Symbols can make people feel alike or different.
- Saving can lead to success.
- Certain people helped to shape our country dramatically.

Areas of Focus

- Concept of past and present
- Identify American symbols, culture and holidays
- Identify wants versus needs
- Citizenship-rules and duty to family, community, and country
- Economics- currency and value of savings
- Heroes in History

Grade 1 – Health and Physical Education

Enduring Understandings

- Current and emerging diagnostic, prevention and treatment strategies can help people live healthier and longer than ever before.
- Current and future personal wellness is dependent upon applying health-related concepts and skills in everyday lifestyle behaviors.
- Tolerance, appreciation and understanding of individual differences are necessary in order to establish relationships.
- Developing self esteem, resiliency, tolerance and coping skills support social and emotional health.
- Character can be developed and supported through individual and group activities, the influence of positive role models and involvement in community service.
- Decision-making can be affecting by a variety of influences that may not be in a person’s best interest.
- Medicines must be used correctly in order to be safe and have the maximum benefit. Research has clearly established that alcohol, tobacco and other drugs have a variety of harmful effects on the human body.
- Being consistently aware of the environment and taking safety precautions can reduce the risk of injury to oneself and others.
- Performing movement skills in a technically correct manner improves overall performance and increases the likelihood of participation in lifelong physical activity
- Teamwork consists of effective communication and other interactions between members