



Reading and Language Arts LA.5.

Reading Process

- ___ 1.4.1 Understand spelling patterns
- ___ 1.4.2 Recognize structural analysis
- ___ 1.4.3 Use language structure to read multisyllabic words
- ___ 1.5.1 Demonstrate the ability to read grade level text
- ___ 1.5.2 Adjust reading rate based on purpose, difficulty
- ___ 1.6.1 Use new vocabulary introduced/taught directly
- ___ 1.6.2 Listen to, read, discuss familiar and challenging text
- ___ 1.6.3 Use context clues to determine unfamiliar words
- ___ 1.6.4 Categorize key vocabulary/identify salient features
- ___ 1.6.5 Relate new vocabulary to familiar words
- ___ 1.6.6 Identify shades of meaning in related words
- ___ 1.6.7 Use familiar words/affixes to determine unfamiliar
- ___ 1.6.8 Identify antonyms, synonyms, homo-phones/graphs
- ___ 1.6.9 Determine meaning of words with multiple meanings
- ___ 1.6.10 Determine meanings of words with dictionary
- ___ 1.6.11 Use roots/affixes from Greek/Latin for meanings
- ___ 1.7.1 Identify text's features to predict/establish a purpose
- ___ 1.7.2 Identify the author's purpose in text
- ___ 1.7.3 Determine explicit ideas and information in text
- ___ 1.7.4 Identify cause-and-effect relationships in text
- ___ 1.7.5 Identify text structure of author/explain impact
- ___ 1.7.6 Identify themes across fiction and nonfiction
- ___ 1.7.7 Compare/contrast elements in multiple texts
- ___ 1.7.8 Use strategies to repair comprehension of text

Literary Analysis

- ___ 2.1.1 Demonstrate knowledge of various genres
- ___ 2.1.2 Identify and describe the elements of story
- ___ 2.1.3 Know how language communicates poem meaning
- ___ 2.1.4 Identify an authors theme
- ___ 2.1.5 Connect text to self, text to world, text to text
- ___ 2.1.6 Write book report w/character, setting & events
- ___ 2.1.7 Identify an author's use of descriptive/figurative lang
- ___ 2.1.8 Recognize vocab changed in text from past to now
- ___ 2.1.9 Select fiction to read based on interest and teacher
- ___ 2.2.1 Locate /explain the purpose of text features
- ___ 2.2.2 Use info from text to answer questions on main idea
- ___ 2.2.3 Organize info to show understanding of main ideas
- ___ 2.2.4 Identify characteristics of a variety of types of text
- ___ 2.2.5 Select nonfiction to read based on interest /teacher

Writing

- ___ 3.1.1 Prewrite by generating ideas from multiple sources
- ___ 3.1.2 Prewrite by determining the purpose & audience
- ___ 3.1.3 Prewrite by using organizational strategies
- ___ 3.2.1 Draft writing with a prewriting focus on main idea
- ___ 3.2.2 Organize into sequence, w/ time words, cause/effect
- ___ 3.2.3 Draft writing creating interesting leads w/quotes or ?
- ___ 3.3.1 Evaluate the draft for use of ideas/content
- ___ 3.3.2 Revise deleting extraneous or repetitious info
- ___ 3.3.3 Revise creating precision and interest w vivid ideas
- ___ 3.3.4 Revise applying tools or strategies to refine the draft
- ___ 3.4.1 Edit correct spelling, use spelling patterns/ dictionary
- ___ 3.4.2 Edit for correct use of capitalization for proper nouns
- ___ 3.4.3 Edit for correct use of punctuation in sentences
- ___ 3.4.4 Edit for correct use of present and past verb tense
- ___ 3.4.5 Edit for subject/verb & noun/pronoun agreement
- ___ 3.5.1 Prepare w/technology to audience/ purpose

- ___ 3.5.2 Use elements of spacing and design for appearance
- ___ 3.5.3 Share the writing with the intended audience
- ___ 4.1.1 Write narratives that establish a situation and plot
- ___ 4.1.2 Write a variety of expressive forms
- ___ 4.2.1 Write in a variety of informational/expository forms
- ___ 4.2.2 Record info related to a topic, including visual aids
- ___ 4.2.3 Write informational/expository essay w/3 paragraphs
- ___ 4.2.4 Write a variety of communications
- ___ 4.2.5 Write directions w/cardinal directions/landmarks
- ___ 4.3.1 Write persuasive text w/ supporting arguments
- ___ 4.3.2 Include persuasive techniques

Communication

- ___ 5.1.1 Demonstrate fluent and legible cursive writing skills
- ___ 5.2.1 Listen to oral presentation and show understanding
- ___ 5.2.2 Plan, organize, give oral presentation

Information and Media Literacy

- ___ 6.1.1 Read info text to organize info for different purposes
- ___ 6.2.1 Select a topic of inquiry, refine a predetermined plan
- ___ 6.2.2 Use evaluative criteria to select reference materials
- ___ 6.2.3 Communicate info in an informational report
- ___ 6.2.4 Record bibliographic data/recognize property rights
- ___ 6.3.1 Examine how ideas presented in a variety of print
- ___ 6.3.2 Identify different production elements used in media
- ___ 6.4.1 Use technology to enhance communication
- ___ 6.4.2 Use digital tools to present and publish

Mathematics MA.5.

Big Idea 1: Algebra

- ___ A.1.1 Describe process of finding quotients involving multi-digit dividends using models, place value, properties, and the relationship of division to multiplication.
- ___ A.1.2 Estimate quotients or calculate them mentally depending on the context and numbers involved
- ___ A.1.3 Interpret solutions to division situations including those with remainders depending on the context of the problem
- ___ A.1.4 Divide multi-digit whole numbers fluently, including solving real-world problems, demonstrating understanding of the standard algorithm, check the reasonableness of results

Big Idea 2: Algebra

- ___ A.2.1 Use addition/subtraction of decimals/fractions with like/unlike denominators using models, place value, properties
- ___ A.2.2 Add/subtract fractions / decimals fluently, and verify the reasonableness of results, including in problem situations
- ___ A.2.3 Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding
- ___ A.2.4 Determine the prime factorization of numbers

Big Idea 3: Geometry

- ___ G.3.1 Compare 2-dimensional figures /3-dimensional solids, include number of edges, faces, vertices, types of faces
- ___ G.3.2 Describe, define, determine surface area / volume of prisms using appropriate units & selecting strategies/ tools

Supporting Idea 4: Algebra

- ___ A.4.1 Use properties of equality to solve numerical & real world situations
- ___ A.4.2 Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time



Supporting Idea 5: Geometry and Measurement

- ___ G.5.1 Identify /plot ordered pairs on first quadrant of the coordinate plane
- ___ G.5.2 Compare, contrast, convert units of measure within the same dimension (length, mass, or time) to solve problems
- ___ G.5.3 Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement
- ___ G.5.4 Derive / apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle.

Supporting Idea 6: Number and Operations

- ___ A.6.1 Identify and relate prime and composite numbers, factors, and multiples within the context of fractions
- ___ A.6.2 Use the order of operations to simplify expressions which include exponents and parentheses
- ___ A.6.3 Describe real situations in positive/negative number
- ___ A.6.4 Compare, order, and graph integers
- ___ A.6.5 Solve non-routine problems use strategies including "solving a simpler problem" and "guess, check, and revise"

Supporting Idea 7: Data Analysis

- ___ A.7.1 Construct /analyze line graphs & double bar graphs
- ___ A.7.2 Differentiate between continuous and discrete data, and determine ways to represent those using graphs/ diagrams

Social Studies SS.5.

American History

- ___ A.1.1 Use primary/secondary sources to know history
- ___ A.1.2 Use timelines to spot American History time periods
- ___ A.2.1 Compare cultural aspects of ancient Am. civilization
- ___ A.2.2 Identify Native Am tribes from all over N America
- ___ A.2.3 Compare cultural aspects of Native Am tribes
- ___ A.3.1 Describe technology developments that shared European exploration
- ___ A.3.2 Investigate the European Explorers
- ___ A.3.3 Describe interactions for control of North America
- ___ A.4.1 Identify the economic, political and socio-cultural motivation for colonial settlement
- ___ A.4.2 Compare New England, Middle, Southern colonies
- ___ A.4.3 Identify significant individuals responsible for dev. of the New England, Middle, and Southern colonies
- ___ A.4.4 Demonstrate understanding of political, economic, and social aspects of daily colonial life in the thirteen colonies
- ___ A.4.5 Explain the importance of Triangular Trade linking Africa, the West Indies, the British Colonies, and Europe
- ___ A.4.6 Describe intro, impact, role of slavery in the colonies
- ___ A.5.1 Identify significant events leading up to Am Revo
- ___ A.5.2 Identify individuals who played a role in Am Revo
- ___ A.5.3 Explain the significance of historical documents
- ___ A.5.4 Study changing roles/impact of women in Am Revo
- ___ A.5.5 Compare battles/military campaigns of Am Revo
- ___ A.5.6 Identify foreign alliances to the outcome of Revo
- ___ A.5.7 Explain economic, military, political factors which led to the end of the Revolutionary War
- ___ A.5.8 Evaluate the hardships resulting from the Am Revol
- ___ A.5.9 Discuss land policies under Confederate Congress
- ___ A.5.10 Examine the significance of the Constitution
- ___ A.6.1 Describe causes/effects of the Louisiana Purchase
- ___ A.6.2 Identify roles of people during westward expansion

- ___ A.6.3 Examine 19th century advancements in transportation/communication
- ___ A.6.4 Explain importance of explorations west of Mississippi River
- ___ A.6.5 Identify the causes and effects of the War of 1812
- ___ A.6.6 Explain how west expansion affected Native Am
- ___ A.6.7 Discuss the concept of Manifest Destiny
- ___ A.6.8 Describe causes/effects of Missouri Compromise
- ___ A.6.9 Describe settlers hardships on overland trails west

Geography

- ___ G.1.1 Read current/historical info using geographic tools
- ___ G.1.2 Use latitude and longitude to locate places
- ___ G.1.3 Identify US physical features on N America map
- ___ G.1.4 Construct maps/graphs to display geographic info
- ___ G.1.5 Identify original 13 colonies on a map of N America
- ___ G.1.6 Locate states, capitals, US Territories on a map
- ___ G.2.1 Describe factors influence boundary changes in US
- ___ G.3.1 Describe the impact that past natural events have had on human and physical environments in US through 1850
- ___ G.4.1 Use geo knowledge/skills to discuss current events
- ___ G.4.2 Use geo skills for local, state, national problems

Economics

- ___ E.1.1 Identify how trade promoted economic growth in North America from pre-Columbian times to 1850.
- ___ E.1.2 Describe a market economy, give examples of how the colonial/early American economy exhibited characteristics
- ___ E.1.3 Trace development of technology & impact of major inventions on business productivity during early dev of the US
- ___ E.2.1 Recognize the positive/negative effects of voluntary trade among Native Americans, European explorers, colonists

Civics and Government

- ___ C.1.1 Explain how / why the US government was created
- ___ C.1.2 Define a constitution, and discuss its purposes
- ___ C.1.3 Explain the definition and origin of rights
- ___ C.1.4 Identify the Declaration of Independence's grievances and Articles of Confederation's weaknesses
- ___ C.1.5 Describe how concerns about individual rights led to the inclusion of the Bill of Rights in the U.S. Constitution
- ___ C.1.6 Compare Federalist/Anti-Federalist views of govt
- ___ C.2.1 Differentiate political ideas of Patriots, Loyalists, and "undecideds" during the American Revolution
- ___ C.2.2 Compare forms of political participation in the colonial period to today
- ___ C.2.3 Analyze how the Constitution has expanded voting rights from our nation's early history to today
- ___ C.2.4 Evaluate importance of civic responsibilities in American democracy
- ___ C.2.5 Distinguish between state and local government
- ___ C.3.1 Describe organizational structure and powers of federal govt as defined in Articles I, II, III of the US Constitution
- ___ C.3.2 Explain how popular sovereignty, rule of law, separation of powers, checks and balances, federalism, and individual rights limit the powers of the federal government
- ___ C.3.3 Know powers of federal govt & those for the states
- ___ C.3.4 Find amendment process in Article V of Constitution
- ___ C.3.5 Identify rights of citizens as stated in Bill of Rights
- ___ C.3.6 Examine courts interpreting laws/settling conflicts



Science SC.5.

Big Idea 1: Practice of Science

- ___ N.1.1 Define a problem / carry out scientific investigation
- ___ N.1.2 Explain the difference between an experiment and other types of scientific investigation
- ___ N.1.3 Recognize/explain the need for repeated trials
- ___ N.1.4 Identify a control group and explain its importance
- ___ N.1.5 Explain that authentic scientific investigation frequently does not parallel the steps of "the scientific method"
- ___ N.1.6 Explain difference between opinion/interpretation and verified observation

Big Idea 2: Characteristics of Scientific Knowledge

- ___ N.2.1 Explain that science is grounded in empirical observations that are testable; link with evidence
- ___ N.2.2 Explain when scientific investigations are carried out, the evidence produced should be replicable by others

Big Idea 5: Earth in Space and Time

- ___ N.5.1 Recognize that a galaxy consists of gas, dust, many stars, identify our home galaxy as the Milky Way
- ___ N.5.2 Recognize the major common characteristics of all planets and compare/contrast properties of inner/outer planets
- ___ N.5.3 Distinguish among objects of Solar System: Sun, planets, moons, asteroids, comets/ identify Earth's position in it

Big Idea 7: Earth Systems and Patterns

- ___ E.7.1 Create a model to explain the parts of the water cycle. Water can be a gas, a liquid, solid & go back/forth
- ___ E.7.2 Recognize that the ocean is an integral part of the water cycle and is connected to all of Earth's water reservoirs
- ___ E.7.3 Recognize how air temperature, barometric pressure, humidity, wind speed and direction, and precipitation determine the weather in a particular place and time.
- ___ E.7.4 Distinguish among the various forms of precipitation
- ___ E.7.5 Recognize that some of the weather-related differences are found among different environments
- ___ E.7.6 Describe characteristics of different climate zones
- ___ E.7.7 Create family preparedness plan for natural disaster

Big Idea 8: Properties of Matter

- ___ P.8.1 Compare the basic properties of solids, liquids, gas
- ___ P.8.2 Identify materials that dissolve in water, identify the conditions that speed up/slow down the process
- ___ P.8.3 Explain that mixtures of solids can be separated based on observable properties of their parts
- ___ P.8.4 Explore the scientific theory of atoms by recognizing that all matter is composed of parts that are too small to be seen without magnification

Big Idea 9: Changes in Matter

- ___ P.9.1 Know physical/chemical changes are affected by temperature

Big Idea 10: Forms of Energy

- ___ P.10.1 Identify basic forms of energy (ie light, heat, sound)
- ___ P.10.2 Recognize that energy has ability to cause motion
- ___ P.10.3 Explain that electrically-charged object can attract uncharged object and attract/repel another charged object
- ___ P.10.4 Explain that electrical energy can be transformed into heat, light, and sound energy

Big Idea 11: Energy Transfer and Transformations

- ___ P.11.1 Illustrate flow of electricity requires closed circuit
- ___ P.11.2 Identify materials that do/don't conduct electricity

Big Idea 13: Forces and Changes in Motion

- ___ P.13.1 Identify familiar forces that cause objects to move

- ___ P.13.2 Know more force applied = more change in motion
- ___ P.13.3 Describe the more mass an object has the less effect a given force will have on motion
- ___ P.13.4 Explain when force is applied to object but doesn't move, it's because opposing force is applied so forces balance

Big Idea 14: Organization of Living Organisms

- ___ P.14.1 Identify organs in human body / describe functions
- ___ P.14.2 Compare the function of organs of plants / animals

Big Idea 15: Diversity and Evolution of Living Organisms

- ___ L.15.1 Describe how some plants/animals survive & reproduce while others die /move to new locations

Big Idea 17: Interdependence

- ___ L.17.1 Compare adaptations displayed by animals and plants that enable them to survive in different environments