

2023-2024 Fifth Grade Language Arts

Report Card Indicators	Student Names											

1st Trimester

Report Card Indicators for Communication (Oral Expression and Listening)

Effectively communicates for a variety of purposes
Use appropriate eye contact and speak clearly at an understandable pace.

Effectively listens for a variety of purposes
Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.
Follow agreed-upon rules for discussions and carry out assigned roles.

Report Card Indicators for Reading (Reading for All Purposes)

Reads and understands and compares ideas in grade level literature
Use pre-reading strategies, such as identifying a purpose for reading, generating questions to answers while reading, previewing sections of texts and activating prior knowledge.
Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.
Compare and contrast two or more character's points of view, settings, or events in a story or drama, drawing on specific details in the text (for example: how characters interact).

Reads, understands, and compares ideas in informational texts
Distinguish between fact and opinion, providing support for judgments made.
Use informational text features (such as boldtype, headings, graphic organizers, numbering schemes, glossary) and text structures to organize or categorize information, to answer questions, or to perform specific tasks.
Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
Uses strategies to understand complex words and phrases
Read with sufficient accuracy and fluency to support comprehension.
Use context to confirm or self-correct word recognition and understanding, rereading as necessary.
Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.
Use context (for example: cause/effect relationships and comparisons in text) as a clue to the meaning of a word or phrase.
Consult reference materials (for example, dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation and determine or clarify the precise meaning of key words and phrases.
Infer the meaning of words using structural analysis, context, and knowledge of multiple meanings.
Use the relationship between particular words (for example: synonyms, antonyms, homographs) to better understand each of the words.

Report Card Indicators for Writing (Writing and Composition & Research Inquiry and Design)

Uses specific techniques to create unique stories
No evidence outcomes within this RCI are expected to be mastered during trimester 1.

Creates informational and persuasive texts with opposing viewpoints
No evidence outcomes mastered during trimester for this indicator.

Uses correct grade level grammar, punctuation, and spelling
Use punctuation to separate items in a series.
Use a comma to separate an introductory element from the rest of the sentence.
Use a comma to set off the words yes and no (e.g., Yes, thank you), to set off a tag question from the rest of the sentence (e.g., It's true, isn't it?), and to indicate direct address (e.g., Is that you, Steve?).
Use underlining, quotation marks, or italics to indicate titles of works.

Conducts and presents research from multiple sources
No evidence outcomes mastered during trimester for this indicator.

Consider consequences in order to solve problems
No evidence outcomes mastered during trimester for this indicator.

Uses reasoning and questioning to evaluate different points of view
No evidence outcomes mastered during trimester for this indicator.

Report Card Indicators	Student Names											

2nd Trimester

Report Card Indicators for Communication (Oral Expression and Listening)

Effectively communicates for a variety of purposes
Include multimedia components (for example: graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.
Adapt speech to a variety of contexts and tasks.

Effectively listens for a variety of purposes
Listen to others' ideas and form their own opinions.
Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.

Report Card Indicators for Reading (Reading for All Purposes)

Reads and understands and compares ideas in grade level literature

Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.

Compare and contrast two or more character's points of view, settings, or events in a story or drama, drawing on specific details in the text (for example: how characters interact).

Use knowledge of literary devices (such as imagery, rhythm, foreshadowing, simple metaphors) to understand and respond to text.

Analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text (for example: graphic novel, multimedia presentation of fiction, folktale, myth, poem).

Compare and contrast stories in the same genre (for example: mysteries and adventure stories) on their approaches to similar themes and topics. pre-reading strategies, such as identifying a purpose for reading, generating questions to answers while reading, previewing sections of texts and activating prior knowledge.

Reads, understands, and compares ideas in informational texts

Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.

Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.

Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.

Uses strategies to understand complex words and phrases

Use combined knowledge of all letter-sound correspondences, syllabication patterns, and morphology (for example, roots and affixes) to read accurately unfamiliar multisyllabic words in context and out of context.

Use knowledge of language and its conventions when writing, speaking, reading, or listening.

Expand, combine, and reduce sentences for meaning, reader/listener interest, and style.

Read and identify the meaning of words with sophisticated prefixes and suffixes.

Apply knowledge of derivational suffixes that change the part of speech of the base word (for example active and activity).

Read and identify the meaning of roots and related word families in which the pronunciation of the root does not change.

Demonstrate understanding of figurative language, word relationships and nuances in word meanings.

Interpret figurative language, including similes and metaphors, in context.

Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships (for example: however, although, nevertheless, similarly, moreover, in addition).

Report Card Indicators for Writing (Writing and Composition & Research Inquiry and Design)

Uses specific techniques to create unique stories

Write engaging, real or imagined narratives using literary techniques, character development, sensory and descriptive details, and a variety of transition words to signal a clear sequence of events.

Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.

Use narrative techniques, such as dialogue, description, and pacing, to develop experiences and events or show the responses of characters to situations.

Use a variety of transitional words, phrases, and clauses to manage the sequence of events. Use concrete words and phrases and sensory details to convey experiences and events precisely.

Provide a conclusion that follows from the narrated experiences or events.

Creates informational and persuasive texts with opposing viewpoints

Write informative/explanatory texts that provide a clear focus and the use of text features to group related information on a well-developed topic, using precise language and domain-specific vocabulary.

Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (for example: headings), illustrations, and multimedia when useful to aiding comprehension.

Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.

Link ideas within and across categories of information using words, phrases, and clauses (for example: in contrast, especially).

Use precise language and domain-specific vocabulary to inform about or explain the topic. Provide a concluding statement or section related to the information or explanation presented.

Uses correct grade level grammar, punctuation, and spelling

Form and use the perfect (for example: I had walked; I have walked; I will have walked) verb tenses.

Use verb tense to convey various times, sequences, states, and conditions.

Recognize and correct inappropriate shifts in verb tense.

Use correlative conjunctions (for example: either/or, neither/nor).

Expand, combine, and reduce sentences for meaning, reader/listener interest, and style.

Conducts and presents research from multiple sources

Summarize and support key ideas

Demonstrate comprehension of information with supporting logical and valid inferences

Develop and present a brief (oral or written) research report with clear focus and supporting detail for an intended audience.

Considers consequences in order to solve problems

Draw evidence from literary or informational texts to support analysis, reflection, and

Uses reasoning and questioning to evaluate different points of view

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.

Student Names

2023-2024 Fifth Grade Math

Report Card Indicators *Note: If a Unit Plan spans across two trimesters, evidence outcomes are split between trimesters based on anticipated pacing.*

Student Names														

1st Trimester

Understand place value system

Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.

Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.

Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times 110^{-1} + 9 \times 1100^{-1} + 2 \times 11000^{-1}$.

Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.

Use place value understanding to round decimals to any place.

Perform operations with multi-digit whole numbers

Fluently multiply multi-digit whole numbers using the standard algorithm.

Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

Perform operations with decimals to hundredths

Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Add and subtract fractions with unlike denominators

No evidence outcomes mastered during trimester for this indicator.

Multiply fractions and develop an understanding of division of fractions

No evidence outcomes mastered during trimester for this indicator.

Write and interpret numerical expressions

No evidence outcomes mastered during trimester for this indicator.

Analyze patterns and relationships

No evidence outcomes mastered during trimester for this indicator.

Convert like measurement units within a given measurement system

No evidence outcomes mastered during trimester for this indicator.

Represent and interpret data

No evidence outcomes mastered during trimester for this indicator.

Understand concepts of volume and relate volume to multiplication and to addition

No evidence outcomes mastered during trimester for this indicator.

Graph points on the coordinate plane to solve problems

No evidence outcomes mastered during trimester for this indicator.

Classify two-dimensional figures into categories based on their properties

No evidence outcomes mastered during trimester for this indicator.

Report Card Indicators *Note: If a Unit Plan spans across two trimesters, evidence outcomes are split between trimesters based on anticipated pacing.*

Student Names														

2nd Trimester

Understand place value for multi-digit whole numbers and decimals to thousandths

No evidence outcomes mastered during trimester for this indicator.A40

Perform operations with multi-digit whole numbers

No evidence outcomes mastered during trimester for this indicator.

Perform operations with decimals to hundredths

Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Add and subtract fractions with unlike denominators

Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $2/3 + 5/4 = 8/12 + 15/12 = 23/12$. (In general, $a/b + c/d = a/d + bc/bd$.)

Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result $2/5 + 1/2 = 3/7$, by observing that $3/7 < 1/2$.

Multiply and divide fractions

Interpret the product $a/b \times q$ as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a \times q \div b$. For example, use a visual fraction model to show $2/3 \times 4 = 8/3$, and create a story context for this equation. Do the same with $2/3 \times 4/5 = 8/15$. (In general, $a/b \times c/d = ac/bd$.)

Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.

Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication.

Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction less than 1 results in a product smaller than the given number; and relating the principle of fraction equivalence $\frac{a}{b} = \frac{na}{nb}$ to the effect of multiplying $\frac{a}{b}$ by 1.

Solve real-world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.

Interpret numerical expressions and analyze pattern relationships
 No evidence outcomes mastered during trimester for this indicator.

Represent and interpret data
 No evidence outcomes mastered during trimester for this indicator.

Understand concepts of volume and relate volume to multiplication and addition
 No evidence outcomes mastered during trimester for this indicator.

Classify two-dimensional figures into categories based on their properties
 No evidence outcomes mastered during trimester for this indicator.

Report Card Indicators <i>Note: If a Unit Plan spans across two trimesters, evidence outcomes are split between trimesters based on anticipated pacing.</i>	Student Names											

3rd Trimester

Understand place value system
 No evidence outcomes mastered during trimester for this indicator.

Perform operations with multi-digit whole numbers
 No evidence outcomes mastered during trimester for this indicator.

Perform operations with multi-digit decimals to hundredths
 No evidence outcomes mastered during trimester for this indicator.

Add and subtract fractions
 No evidence outcomes mastered during trimester for this indicator.

Multiply and divide fractions

Interpret a fraction as division of the numerator by the denominator ($\frac{a}{b} = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. For example, interpret $3 \div 4$ as the result of dividing 3 by 4, noting that $\frac{3}{4}$ multiplied by 4 equals 3, and that when 3 wholes are shared equally among 4 people each person has a share of size $\frac{3}{4}$. If 9 people want to share a 50-pound sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?

Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for $\frac{1}{3} \div 4$, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that $\frac{1}{3} \div 4 = \frac{1}{12}$ because $\frac{1}{12} \times 4 = \frac{1}{3}$.

Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create a story context for $4 \div \frac{1}{5}$, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that $4 \div \frac{1}{5} = 20$ because $20 \times \frac{1}{5} = 4$.

Solve real-world problems involving division of unit fractions by nonzero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will each person get if 3 people share $\frac{1}{2}$ lb of chocolate equally? How many $\frac{1}{3}$ -cup servings are in 2 cups of raisins?

Interpret numerical expressions and analyze pattern relationships
 Use grouping symbols (parentheses, brackets, or braces) in numerical expressions, and evaluate expressions with these symbols.

Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation "add 8 and 7, then multiply by 2" as $2 \times (8 + 7)$. Recognize that $3 \times (18932 + 921)$ is three times as large as $18932 + 921$, without having to calculate the indicated sum or product.

Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns, and graph the ordered pairs on a coordinate plane. For example, given the rule "Add 3" and the starting number 0, and given the rule "Add 6" and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.

Represent and interpret data
 Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.

Understand measurement concepts of volume and converting units

A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume and can be used to measure volume.

A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.

Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.

Model the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.

Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real-world and mathematical problems.

Use the additive nature of volume to find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real-world problems.

2023-2024 Fifth Grade Science

Report Card Indicators

Student Names

Physical Science - Mixtures & Solutions

Develop a model to describe that matter is made of particles too small to be seen.

Make observations and measurements to identify materials based on their properties.

Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling or mixing substances, the total weight of matter is conserved.

Conduct an investigation to determine whether the mixing of two or more substances results in new substances.

Support an argument that the gravitational force exerted by Earth on objects is directed down.

Use models to describe that energy in animals' food (used for body repair, growth and motion and to maintain body warmth) was once energy from the sun.

Life Science - Living Systems

Support an argument that plants get the materials they need for growth chiefly from air and water.

Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

Earth Science - Sun, Moon & Stars / Water Planet

Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from the Earth.

Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere and/or atmosphere interact.

Describe and graph the amounts and percentages of saltwater and freshwater in various reservoirs to provide evidence about the distribution of water on Earth.

2023-2024 Fifth Grade Social Studies

Student Names

Report Card Indicators

History

Analyze primary and secondary sources from multiple points of view to develop and understanding of early United States history

Recognize how historical context can affect the perspective of historical sources.
 Examine significant historical documents. For example: the Stamp Act, the Declaration of Independence, and the Constitution.

Interpret timelines of eras and themes in North America from European colonization through the establishment of the United States Government.

Explain interactions among various groups such as Indigenous Peoples, enslaved individuals (both Indigenous and African), and European colonists. For example: The cultural genocide of Indigenous Peoples, chattel slavery of Africans, the League of the Iroquois, Spanish missions, and trade networks.

Identify and explain cultural interactions between the European colonists, American Indians, and enslaved individuals. For example: the Columbian Exchange, and various trade networks.

Describe the political, social, and economic reasons for the settlement of the European and American colonies and how it affected Indigenous Peoples and enslaved Africans.

Analyze important political, social, economic, and military developments leading to and during the American Revolution.

Investigate causes and effects of significant events in early United States history. For example: The establishment of Jamestown, George Washington's crossing of the Delaware River, the French and Indian War, and the Constitutional Convention.

Geography

Uses geographic tools and sources to research and answer questions about United States geography and analyze the effects of movement

Answer questions about regions of the United States using various types of maps.

Use geographic tools to identify, locate, and describe places and regions in the United States and suggest reasons for their location.

Describe the influence of accessible resources on the development of local and regional communities throughout the United States.

Identify variables associated with discovery, exploration, and migration.

Explain migration, trade, and cultural patterns that result from interactions among people, groups, and cultures.

Describe and analyze how specific physical and political features influenced historical events, movements, and adaptation to the environment.

Analyze how cooperation and conflict among people contribute to political, economic, and social divisions in the United States.

Give examples of the influence of geography on the history of the United States.

Economics

Understands how trade shaped the development of early America and how individuals use financial institutions to manage personal finances

Identify examples of the productive resources and explain how they are used to produce goods and services. For example: land, labor, and capital.

Compare ways in which people and communities exchanged goods and services. For example: barter and monetary exchange.

Identify the goods and services that were traded among different cultures and regions.

Describe how patterns of trade evolved within early America.

Explain some of the challenges that American colonists faced that would eventually lead them to the creation of commercial banks.

Civics

Understands the foundations of citizenship in the United States Understand the foundations of citizenship in the United States and the origins, functions, and structures of the United States government

Describe and provide sources and examples of individual rights.

Give examples of group and individual actions that illustrate civic ideals in the founding of the United States. For example: freedom, rule of law, equality, civility, cooperation, respect, responsibility, and civic participation.

Discuss how the concept of citizenship changed over time in the early American colonies.

Explain the foundational documents and significance of the events that led to the establishment of the United States government. Including but not limited to the Philadelphia Convention, the Declaration of Independence, the Articles of Confederation, the Iroquois Confederacy, the Constitution, and the Bill of Rights.

Identify political principles of American democracy and how the Constitution and Bill of Rights reflect and preserve these principles.

Explain the origins, structures, and functions of the three branches of the United States government and the relationships among them.

Describe how the Constitution balances the power of national and state governments.

Personal Financial Literacy (PFL) - Describe how individuals use financial institutions to manage personal finances

Differentiate between saving and investing.

Establish the function of banking. (5.1.b)

Distinguish between different types of financial institutions such as banks and credit unions, and the services provided. For example: checking accounts, savings accounts, investments, and loans. (5.1.c)

Create a way to keep track of money spent and money saved.