

5th Grade Math

Report Card Descriptor	Semester 1	Semester 2
Uses understanding of place value to round decimals	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Describe how positions in a place value chart are related <ul style="list-style-type: none"> ○ Explains the relationship between digits in different decimal places ○ Explains the relationship between the numbers of zeros in a number and the multiples of 10 ○ Explain the relationship between the decimal point and multiplying or dividing by 10 ● Demonstrates and understanding of exponents <ul style="list-style-type: none"> ○ Use exponents to show powers of 10 ○ Finds values of an expression with an exponent ● Demonstrates an understanding of decimals to the thousandths <ul style="list-style-type: none"> ○ Writes decimals in standard form, word form, and expanded form ○ Compare decimals using $<$, $>$, or $=$ ○ Uses place value to round decimals <p>Evidence: Ch1 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 5.NBT.1, 5.NBT.2, 5.NBT.3, 5.NBT.4</p>	
Writes and evaluates numerical expressions	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Use number properties to write and evaluate equivalent expressions <ul style="list-style-type: none"> ○ Commutative Property ○ Associative Property ○ Addition Property of Zero ○ Multiplication Properties of Zero and One ○ Distributive Property ● Uses Order of Operations to simplify expressions <ul style="list-style-type: none"> ○ Uses grouping symbols (parentheses, brackets, or braces) <p>Evidence: Ch2 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 5.OA.1, 5.OA.2</p>	

5th Grade Math

Report Card Descriptor	Semester 1	Semester 2
Adds and subtracts decimals fluently, using the standard algorithm	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Uses rounding or compatible numbers to estimate sums and differences of decimals • Fluently adds decimals using the standard algorithm • Fluently subtract decimals using the standard algorithm • Solve word problems involving adding or subtracting decimals • Use models, place value, properties, estimation, and strategies to check for reasonableness of an answer <p>Evidence: Ch3 (add and subtract)/6th Grade 2.4 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 5.NBT.7, 6.NS.3, 5.NBT.4</p>	
Multiplies and divides decimals fluently, using the standard algorithm	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Multiplies a decimal by a power of 10 • Uses rounding or compatible numbers to estimate products of decimals and whole numbers • Fluently multiply decimals using the standard algorithm • Use models, place value, and strategies to check for reasonableness of an answer • Solve word problems involving decimal operations <p>Evidence: Ch5 (multiply)/6th Grade 2.5 Post-Test</p> <p>Standards: 5.NBT.7, 6.NS.3, 5.NBT.2</p>	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Finds quotients involving decimals and powers of 10 • Uses compatible numbers to estimate quotients • Fluently divide decimals using the standard algorithm • Use models, place value, and strategies to check for reasonableness of an answer • Solve word problems involving decimal operations • Continues to show mastery of Semester 1 material <p>Evidence: Ch7 (divide)/6th Grade 2.7 Post-Test</p> <p>Standards: 5.NBT.7, 6.NS.3, 5.NBT.2, 5.NBT.4</p>
Use multiplication to solve problems involving volume	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Fluently multiply multi-digit numbers using the standard algorithm • Finds the volume <ul style="list-style-type: none"> ○ Counts unit cubes ○ Uses the volume formula ($V=lwh$ and $V=Bh$) ○ Breaks apart composite figures to find the dimensions of each prism and then applies formula to each ○ Finds unknown dimensions of rectangular prisms ○ Solve real-world word problems <p>Evidence: Ch4/Ch13 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 5.MD.3, 5.MD.4, 5.MD.5, 5.NBT.5, 5.NBT.2</p>	

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Divides multi-digit whole numbers fluently, using the standard algorithm	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Understands the relationship between multiplication and division <ul style="list-style-type: none"> ◦ Uses multiplication to divide ◦ Uses place value and division facts to find quotients ◦ Uses division facts and compatible numbers to estimate quotients • Uses partial quotients to divide • Uses standard algorithm to divide multi-digit numbers by a one-digit number • Divides three-digit numbers by two-digit numbers • Divides four-digit numbers by two-digit numbers • Writes remainders as a fraction • Solves real-world problems involving division <ul style="list-style-type: none"> ◦ Includes problems involving interpreting remainders • Estimates to check for reasonableness of an answer <p>Evidence: Ch6/6th Grade 2.6 Post-Tests (S1), Spiraled Materials (S2)</p> <p>Standards: 5.NBT.6, 5.NF.3, 6.NS.2</p>	
Adds, subtracts, and simplifies fractions	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Finds common factors to write fractions in simplest form • Estimates sums and differences of fractions to check for reasonable of answers • Adds fractions with unlike denominators • Adds mixed numbers with unlike denominators • Subtracts fractions with unlike denominators • Subtracts mixed numbers with unlike denominators • Solves word problems involving addition and subtraction of fractions with unlike denominators • Checks for reasonableness of answers <p>Evidence: Ch8 Post-Test</p> <p>Standards: 5.NF.1, 5.NF.2</p>	

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Report Card Descriptor	Semester 1	Semester 2
Multiplies and divides fractions		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Understands Multiplication of Fractions <ul style="list-style-type: none"> ○ Draws or uses a model to explain fraction multiplication ○ Multiplies a fraction by a whole number ○ Multiplies a fraction by a fraction ○ Multiplies a fraction by a mixed number ○ Multiplies a mixed number by a mixed number ○ Solves word problems involving multiplication of fractions ○ Finds the area of a rectangle with fractional side lengths • Understands Division of Fractions <ul style="list-style-type: none"> ○ Draws or use a model to explain division of fractions ○ Interprets division problems as fractions ○ Understands how mixed numbers relate to division ○ Divides whole numbers by fractions ○ Divides unit fractions by whole numbers ○ Divides fractions by fractions ○ Finds reciprocals of numbers ○ Divides with mixed numbers ○ Solves word problems involving fraction division <p>Evidence: Ch9, and Ch10/6th Grade 2.2 and 2.3 Post-Tests</p> <p>Standards: 5.NF.3, 5.NF.4, 5.NF.5, 5.NF.6, 5.NF.7, 6.NS.1</p>
Solves problems involving measurement, data, line plots, and converting units		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Converts measurements between units within a measurement system • Solves multi-step word problems involving measurement conversions • Makes line plots using measurement data, including fractions • Uses information from a line plot to solve problems <p>Evidence: Ch11 Post-Test</p> <p>Standards: 5.MD.1, 5.MD.2</p>

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Report Card Descriptor	Semester 1	Semester 2
Graph points on the coordinate plane and create patterns		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Identifies plot points in a coordinate plane Plots and label points in Quadrant 1 of a coordinate plane Identify the location of a point using an ordered pair Finds distance between points in a coordinate plane Draws and identify polygons in the coordinate plane Graphs points in a coordinate plane to represent real-world problems and interpret data Creates and describes numerical patterns using given information <p>Evidence: Ch12 Post-Test (post-test is combines Ch12 and Ch14 but only use questions from Ch12)</p> <p>Standards: 5.G.1, 5.G.2, 5.OA.3</p>
Classify and categorize 2D shapes		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Classifies shapes based on properties (sides and angles) Understands the categories of quadrilaterals (all relationships between quadrilaterals, parallelograms, rectangles, squares, rhombuses, and trapezoids) <p>Evidence: Ch14 Post-Test (post-test is combines Ch12 and Ch14 but only use questions from Ch14)</p> <p>Standards: 5.G.3, 5.G.4</p>

5th Grade Advanced Math

Report Card Descriptor	Semester 1	Semester 2
Writes, reads, and evaluates algebraic expressions	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Write products of repeated factors as powers • Evaluate powers • Evaluate numerical expressions involving several operations, exponents, and grouping symbols • Write numerical expressions involving exponents to represent a real-life problem • Write and evaluate algebraic expressions • Apply properties of operations to combine like terms and make equivalent expressions • Use the Distributive Property to simplify expressions • Factor expressions using the Distributive Property <p>Evidence: 1.1 and 1.2 Post-Test Questions, Ch5 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.EE.1, 6.EE.2, 6.EE.3, 6.EE.4</p>	
Writes, reads, and evaluates one-variable equations and inequalities and writes equations with two variables		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Determine if a value is a solution to an equation • Write and solve one-step equations • Write equations in two variables • Write word sentences as inequalities • Determine whether a value is a solution of an inequality • Graph the solutions of inequalities <p>Evidence: Ch6, 8.7, 8.8 Post-Tests</p> <p>Standards: 6.EE.5, 6.EE.6, 6.EE.7, 6.EE.8, 6.EE.9</p>

5th Grade Advanced Math

Report Card Descriptor	Semester 1	Semester 2
Multiplies and divides fractions fluently	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Draw or use a model to explain division of fractions. • Find reciprocals of numbers • Multiply fractions by fractions • Multiply fractions and whole numbers • Multiply with mixed numbers • Divide fractions by fractions • Divide fractions and whole numbers • Divide with mixed numbers • Solve word problems involving fraction multiplication and division <p>Evidence: Ch2 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.NS.1, 5.NF</p>	
Adds and subtracts fractions fluently	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Adds fractions including mixed numbers • Subtracts fractions, including mixed numbers • Solve word problems involving fraction addition and subtraction <p>Evidence: Ch2 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 5.NF</p>	
Adds, subtracts, multiplies, and divides decimals and multi-digit whole numbers fluently, using the standard algorithm	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Fluently add decimals using the standard algorithm • Fluently subtract decimals using the standard algorithm • Fluently multiply decimals using the standard algorithm • Fluently divide decimals using the standard algorithm • Solve word problems involving decimal operations • Use long division (standard algorithm) to divide whole numbers • Write a remainder as a fraction • Interpret quotients in real-life problems <p>Evidence: Ch2 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.NS.2, 6.NS.3</p>	

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Understands how to use the distributive property to factor expressions by finding common factors	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Find factor pairs of a number • Explain the meanings of prime and composite numbers • Write the prime factorization of a number • Identify the greatest common factor of numbers • Identify the least common multiple of numbers • Use prime factors to identify the least common multiple of numbers <p>Evidence: Ch1 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.NS.4</p>	
Understands, orders, and fluently computes with rational numbers.		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Describe quantities with positive and negative numbers • Order integers and absolute value numbers • Add and subtract integers and rational numbers • Multiply and divide rational numbers • Convert a rational number to a decimal using long division • Solve problems involving the four operations with rational numbers <p>Evidence: Ch8 and 7th grade Ch1/Ch2 Post-Tests</p> <p>Standards: 6.NS.5, 6.NS.6, 6.NS.7, 7.NS.1, 7.NS.2, 7.NS.3</p>
Graphs points on all four quadrants of the coordinate plane		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Graph ordered pairs in all four quadrants of the coordinate plane • Identify the location of a point using an ordered pair • Draw polygons in the coordinate plane <p>Evidence: Ch8 Post-Test</p> <p>Standards: 6.NS.8, 6.G.3</p>

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Report Card Descriptor	Semester 1	Semester 2
Understands ratios and unit rates and applies understanding to solve problems	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Understand ratios and describe ratio relationships • Understand unit rates and rates • Use ratio and rate reasoning to solve real-world problems • Compare ratios using tables • Solve unit rate problems • Use ratio reasoning to convert measurement units <p>Evidence: Ch3 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.RP.1, 6.RP.2, 6.RP.3</p>	
Understand percents and apply understanding to solve problems	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Solve real-world problems involving percents and percent of a number • Find percent as a rate per 100 <p>Evidence: Ch4 Post-Test (S1), Spiraled Materials (S2)</p> <p>Standards: 6.RP.3c</p>	
Summarizes and describes sets of data	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Recognize statistical questions • Calculate measures of center including mean, median, and mode • Calculate measures of variability including range and mean absolute deviation • Display data on number lines, including dot plots, stem-and-leaf plots, histograms, and box-and-whisker plots • Use measures of center to summarize all of the values in a data set, and use measures of variation to summarize how all the values in a data set vary with a single number • Describe data based on center, spread, and shape • Choose appropriate measures of center and variation based on shape <p>Evidence: Ch9 and Ch10 Post-Tests</p> <p>Standards: 6.SP.1, 6.SP.2, 6.SP.3, 6.SP.4, 6.SP.5, 6.SP.6</p>	

5th Grade Advanced Math

Report Card Descriptor	Semester 1	Semester 2
Solves problems involving area, surface area, and volume		<p>Grade-Level Skills:</p> <ul style="list-style-type: none">• Find the areas of triangles, special quadrilaterals, and polygons• Find the volumes of prisms with fractional edge lengths• Find surface area using nets and the formula (for shapes made of rectangles and triangles) <p>Evidence: Ch7 Post-Test</p> <p>Standards: 6.G.1, 6.G.2, 6.G.4</p>

5th Grade Reading

Report Card Descriptor	Semester 1	Semester 2
Knows and applies grade-level phonics and word analysis skills to read unfamiliar words	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Accurately read unfamiliar multisyllabic words in and out of context using combined knowledge of: <ul style="list-style-type: none"> all vowel sounds complex syllable division patterns base words compound words regular & irregular plurals Latin & Greek roots prefixes and suffixes silent consonants unusual spelling patterns <p>Evidence: Weekly/Module Assessments, Observation, Conferring notes</p> <p>Standards: 5.RF.3a</p>	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Accurately read unfamiliar multisyllabic words in and out of context using combined knowledge of: <ul style="list-style-type: none"> all vowel sounds complex syllable division patterns base words & base words with spelling changes compound words regular & irregular plurals Latin & Greek roots prefixes and suffixes silent consonants unusual spelling patterns words from other languages (etymology / word origins) <p>Evidence: Weekly/Module Assessments, Observation, Conferring notes</p> <p>Standards: 5.RF.3a</p>
Reads grade-level texts with accuracy and fluency to support understanding	<p>Grade-Level Skills:</p> <p><i>using texts with increasing complexity within the 5th grade text band</i></p> <ul style="list-style-type: none"> Decoding and word recognition <ul style="list-style-type: none"> accurately decode and read multisyllabic words with complex and irregular patterns in context apply knowledge of phonics and word patterns effectively recognize and understand the meaning of complex vocabulary within texts use context clues to determine the meaning of unfamiliar words Fluency <ul style="list-style-type: none"> read texts with appropriate pacing, expression and intonation demonstrate a smooth and natural oral reading adjust reading rate based on the complexity and purpose of text read aloud with high accuracy and fluency, maintaining comprehension and minimizing hesitations and errors Monitoring and adjusting <ul style="list-style-type: none"> monitor comprehension during reading and adjusts strategies as needed self-correct errors as they occur seek clarification for challenging or unclear parts of the text <p>Evidence: Weekly/Module Assessments, Observation, Conferring notes</p> <p>Standards: 5.RF.4a-c</p>	

5th Grade Reading

Report Card Descriptor	Semester 1	Semester 2
Explains the main idea through key details, inferences and quoting accurately from the text	<p>Grade-Level Skill:</p> <ul style="list-style-type: none"> • Quote accurately from a text when explaining what the text says explicitly • Quote accurately from a text when drawing inferences from the text • Determine a theme of a story, drama, or poem • Explain how details from the text support the theme • Explain how characters in stories or dramas respond to challenges • Explain how the speaker in a poem reflects upon a topic • Determine two or more main ideas of a text • Explain how the key details support the main idea(s) • Summarize the text <p>Evidence: Weekly/Module Assessments, Observation, Conferencing notes</p> <p>Standards: 5.RL.1, 5.RL.2, 5.RI.1, 5.RI.2</p>	
Applies knowledge of genre and text structures to compare two or more texts	<p>Grade-Level Skills:</p> <p><u>Reading Literature</u></p> <ul style="list-style-type: none"> • Compare and contrast two or more characters, settings, or events in a story or drama • Draw on specific details in the text to support thinking (e.g., how characters interact) • Explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem <p><u>Reading Informational Text</u></p> <ul style="list-style-type: none"> • Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text • Draw on specific information in the text to support thinking • Compare and contrast the overall structure of events, ideas, concepts, or information in two or more texts (e.g., chronology, comparison, cause/effect, problem/solution) <p>Evidence: Weekly/Module Assessments, Observation, Conferencing notes</p> <p>Standards: 5.RL.3, 5.RL.5, 5.RI.3, 5.RI.5</p>	
Compares and contrasts similar themes, topics and patterns from multiple texts	<p>Grade-Level Skills:</p> <p><u>Reading Literature</u></p> <ul style="list-style-type: none"> • Compare or contrast stories in the same genre (e.g., mysteries and adventure stories) on their approaches to similar themes and topics <p><u>Reading Informational Text</u></p> <ul style="list-style-type: none"> • Analyze multiple accounts of the same event or topic, noting important similarities or differences in the point of view they represent <p>Evidence: Weekly/Module Assessments, Observation, Conferencing notes</p> <p>Standards: 5.RL.9, 5.RI.6</p>	

5th Grade Reading

Report Card Descriptor	Semester 1	Semester 2
Uses strategies for determining the meaning of unknown words and phrases	<p>Grade-Level Skills:</p> <ul style="list-style-type: none">● Use context clues (e.g., definitions, examples, synonyms/antonyms or inferences in text) within a sentence or paragraph to determine word meanings, including figurative languages such as metaphors and similes● Use context to determine the relevant meanings of multiple-meaning words or homonyms● Identify, use, and explain the meaning of synonyms and antonyms in texts● Understand that synonyms are differentiated by shades of meaning, identify shades of meaning between synonyms and understand a word's connotation● Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area● Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a multisyllabic word (e.g., photograph, photosynthesis)● Use knowledge of affixes to determine how they change the meaning of a word and may or may not change it's part of speech● Use a known root word as a clue to the meaning of an unknown word with the same root (e.g., company, companion)● Use print and digital reference materials to determine syllabication and pronunciation● Use analogies to determine word relationships and meanings● Consult thesauruses to find synonyms, antonyms, clarify meaning, find related concepts and expand vocabulary● Use glossaries and dictionaries, both print and digital, to determine or clarify the precise meaning of key words and phrases, determine a word's part of speech, or tell where a word comes from <p>Evidence: Weekly/Module Assessments, Observation, Conferring notes</p> <p>Standards: 4.RL.4, 4.RI.4, 4.L.4.a-c</p>	

5th Grade Writing

Report Card Descriptor	Semester 1	Semester 2
<p>Produces focused writing appropriate for purpose, genre and audience</p> <p><i>Formal/Published writing may not occur in all genres across a semester</i></p>	<p>Grade-Level Skills: Produce clear and coherent writing in which the development and organization are appropriate to task, purpose and audience, as described below</p> <ul style="list-style-type: none"> ● Write <u>opinion</u> pieces on topics or texts that: <ul style="list-style-type: none"> ○ introduce a topic or text clearly ○ state an opinion ○ create an organizational structure in which ideas are logically grouped and ordered to support the writer's purpose ○ provide reasons that are supported by facts and details ○ link opinion and reasons using words, phrases, and clauses (e.g., consequently, specifically) ○ provide a concluding statement or section related to the opinion presented ● Write <u>informative/explanatory</u> texts that: <ul style="list-style-type: none"> ○ introduce a topic clearly ○ provide a general observation and focus ○ group related information logically ○ include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension ○ develop the topic with facts, definitions, concrete details, quotations, and other information and examples related to the topic ○ link ideas within and across categories of information using words, phrases, and clauses (e.g., 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 ● Write <u>narratives</u> that: <ul style="list-style-type: none"> ○ develop real or imagined experiences or events ○ orient the reader by establishing a situation ○ introduce a narrator and/or characters ○ organize an event sequence that unfolds naturally ○ use dialogue, description, and/or pacing, to develop experiences and events and/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 <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.W.1.a-e, 5.W.2.a-f, 5.W.3.a-e, 5.W.4</p>	

5th Grade Writing

Report Card Descriptor	Semester 1	Semester 2
Develops and strengthens writing through planning, revising, editing and rewriting	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • In collaboration with peers, develop and strengthen writing as needed by: <ul style="list-style-type: none"> ◦ using strategies or tools for planning the piece before drafting ◦ maintaining focus and elaborating on a topic, idea or event(s) ◦ revising to clarify and enhance the depth of ideas/information ◦ editing and rewriting to ensure the piece has a logical flow and consistency of ideas ◦ trying a new approach to the piece <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.W.5</p>	
Uses evidence from a range of texts to support analysis, reflection and research	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Draw evidence from literary or informational texts to support analysis, reflection, and research • Apply grade 5 Reading standards to literature (e.g., "Compare and contrast two or more characters, settings, or events in a story or a drama, drawing on specific details in the text [e.g., how characters interact]") • Apply grade 5 Reading standards to informational texts (e.g., "Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point[s]") <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.W.9.a-b</p>	
Uses grade-level appropriate grammar when writing and speaking	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Explain the function of conjunctions, prepositions, and interjections in general • Explain the function of conjunctions, prepositions, and interjections in particular sentences • Form and use the perfect verb tenses (e.g., I had walked; I have walked; I will have walked) • Use verb tense to convey various times, sequences, states, and conditions <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.L.1.a-c</p>	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Explain the function of conjunctions, prepositions, and interjections in general • Explain the function of conjunctions, prepositions, and interjections in particular sentences • Form and use the perfect verb tenses (e.g., I had walked; I have walked; I will have walked) • Use verb tense to convey various times, sequences, states, and conditions • Recognize and correct inappropriate shifts in verb tense • Use correlative conjunctions (e.g., either/or, neither/nor) <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.L.1.a-e</p>

5th Grade Writing

Report Card Descriptor	Semester 1	Semester 2
Uses grade-level appropriate capitalization and punctuation when writing	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • 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) • Use underlining, quotation marks, or italics to indicate titles of works <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.L.2.a-d</p>	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • 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) • Use a comma to set off a tag question from the rest of the sentence (e.g., It's true, isn't it?) • Use a comma to indicate direct address (e.g., Is that you, Steve?) • Use underlining, quotation marks, or italics to indicate titles of works <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.L.2.a-d</p>
Uses grade-level appropriate spelling when writing	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Spell grade-appropriate words correctly, consulting references as needed <p>Evidence: Writer's Notebook, Response Writing, Performance Task, Weekly/Module Assessments, Conferring Notes, Writing in other content areas</p> <p>Standards: 5.L.2.e</p>	

5th Grade Speaking & Listening

Report Card Descriptor	Semester 1	Semester 2
Engages effectively in a variety of settings by expressing ideas clearly and elaborating on others' ideas	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Come to discussions prepared, having read or studied required material • Explicitly draw on preparation or other information known about the topic to explore ideas under discussion • Follow agreed-upon rules for discussions and carry out assigned roles • Pose or respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others • Review the key ideas expressed or draw conclusions in light of information and knowledge gained from the discussions <p>Evidence: Observations, Small group notes</p> <p>Standards: 5.SL.1.a-d</p>	

5th Grade Speaking & Listening

Report Card Descriptor	Semester 1	Semester 2
Effectively presents a topic, text, experience or opinion in a logical sequence	<p>Grade-Level Skills:</p> <ul style="list-style-type: none">● Report on a topic/text or present an opinion:<ul style="list-style-type: none">○ sequence ideas logically○ use appropriate facts and relevant, descriptive details to support main ideas or themes○ speak clearly at an understandable pace <p>Evidence: Observations, Small group notes</p> <p>Standards: 5.SL.4</p>	

5th Grade Advanced Math

Report Card Descriptor	Semester 1	Semester 2
Writes, reads, and evaluates algebraic expressions	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Write products of repeated factors as powers • Evaluate powers • Evaluate numerical expressions involving several operations, exponents, and grouping symbols • Write numerical expressions involving exponents to represent a real-life problem • Write algebraic expressions • Evaluate algebraic expressions • Apply properties of operations to combine like terms and make equivalent expressions • Use the Distributive Property to simplify expressions • Factor expressions using the Distributive Property <p>Evidence: 1.1 and 1.2 Post-Test Questions, Ch5 Post-Test</p> <p>Standards: 6.EE.1, 6.EE.2, 6.EE.3, 6.EE.4</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> • Write products of repeated factors as powers • Evaluate powers • Evaluate numerical expressions involving several operations, exponents, and grouping symbols • Write numerical expressions involving exponents to represent a real-life problem • Write algebraic expressions • Evaluate algebraic expressions • Apply properties of operations to combine like terms and make equivalent expressions • Use the Distributive Property to simplify expressions • Factor expressions using the Distributive Property <p>Evidence: Spiraled Materials</p> <p>Standards: 6.EE.1, 6.EE.2, 6.EE.3, 6.EE.4</p>
Writes, reads, and evaluates one-variable equations and inequalities and writes equations with two variables		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> • Determine if a value is a solution to an equation • Write and solve one-step equations • Write equations in two variables • Write word sentences as inequalities • Determine whether a value is a solution of an inequality • Graph the solutions of inequalities <p>Evidence: Ch6, 8.7, 8.8 Post-Tests</p> <p>Standards: 6.EE.5, 6.EE.6, 6.EE.7, 6.EE.8, 6.EE.9</p>

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Multiplies and divides fractions fluently	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Draw or use a model to explain division of fractions. ● Find reciprocals of numbers ● Multiply fractions by fractions ● Multiply fractions and whole numbers ● Multiply with mixed numbers ● Divide fractions by fractions ● Divide fractions and whole numbers ● Divide with mixed numbers ● Solve word problems involving fraction multiplication and division <p>Evidence: Ch2 Post-Test</p> <p>Standards: 6.NS.1, 5.NF</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Draw or use a model to explain division of fractions ● Find reciprocals of numbers ● Fraction multiplication ● Divide fractions by fractions ● Divide fractions and whole numbers ● Divide with mixed numbers ● Solve word problems involving fraction division and/or multiplication <p>Evidence: Spiraled Materials</p> <p>Standards: 6.NS.1, 5.NF</p>
Adds and subtracts fractions fluently	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Adds fractions including mixed numbers ● Subtracts fractions, including mixed numbers ● Solve word problems involving fraction addition and subtraction <p>Evidence: Ch2 Post-Test</p> <p>Standards: 5.NF</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Adds fractions including mixed numbers ● Subtracts fractions, including mixed numbers ● Solve word problems involving fraction addition and subtraction <p>Evidence: Ch2 Post-Test</p> <p>Standards: 5.NF</p>
Adds, subtracts, multiplies, and divides decimals and multi-digit whole numbers fluently, using the standard algorithm	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Fluently add decimals using the standard algorithm ● Fluently subtract decimals using the standard algorithm ● Fluently multiply decimals using the standard algorithm ● Fluently divide decimals using the standard algorithm ● Solve word problems involving decimal operations ● Use long division (standard algorithm) to divide whole numbers ● Write a remainder as a fraction ● Interpret quotients in real-life problems <p>Evidence: Ch2 Post-Test</p> <p>Standards: 6.NS.2, 6.NS.3</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> ● Fluently add decimals using the standard algorithm ● Fluently subtract decimals using the standard algorithm ● Fluently multiply decimals using the standard algorithm ● Fluently divide decimals using the standard algorithm ● Solve word problems involving decimal operations ● Use long division (standard algorithm) to divide whole numbers ● Write a remainder as a fraction ● Interpret quotients in real-life problems <p>Evidence: Spiraled Materials</p> <p>Standards: 6.NS.2, 6.NS.3</p>

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Understands how to use the distributive property to factor expressions by finding common factors	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Find factor pairs of a number Explain the meanings of prime and composite numbers Write the prime factorization of a number Identify the greatest common factor of numbers Identify the least common multiple of numbers Use prime factors to identify the least common multiple of numbers <p>Evidence: Ch1 Post-Test</p> <p>Standards: 6.NS.4</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> Find factor pairs of a number Explain the meanings of prime and composite numbers Write the prime factorization of a number Identify the greatest common factor of numbers Identify the least common multiple of numbers Use prime factors to identify the least common multiple of numbers <p>Evidence: Spiraled Materials</p> <p>Standards: 6.NS.4</p>
Understands, orders, and fluently computes with rational numbers.		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Describe quantities with positive and negative numbers Order integers and absolute value numbers Add integers and rational numbers Subtract integers and rational numbers Multiply integers and rational numbers Divide integers and rational numbers Convert a rational number to a decimal using long division Solve problems involving the four operations with rational numbers <p>Evidence: Ch8 and 7th grade Ch1/Ch2 Post-Tests</p> <p>Standards: 6.NS.5, 6.NS.6, 6.NS.7, 7.NS.1, 7.NS.2, 7.NS.3</p>
Graphs points on all four quadrants of the coordinate plane		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Graph ordered pairs in all four quadrants of the coordinate plane Identify the location of a point using an ordered pair Draw polygons in the coordinate plane <p>Evidence: Ch8 Post-Test</p> <p>Standards: 6.NS.8, 6.G.3</p>

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Understands ratios and unit rates and applies understanding to solve problems	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Understand ratios and describe ratio relationships Understand unit rates and rates Use ratio and rate reasoning to solve real-world problems Compare ratios using tables Solve unit rate problems Use ratio reasoning to convert measurement units <p>Evidence: Ch3 Post-Test</p> <p>Standards: 6.RP.1, 6.RP.2, 6.RP.3</p>	<p>Continues to Demonstrate Mastery of Grade-Level Skills:</p> <ul style="list-style-type: none"> Understand ratios Describe ratio relationships Understand rates Understand unit rates Use ratio and rate reasoning to solve real-world problems Compare ratios using tables Solve unit rate problems Use ratio reasoning to convert measurement units <p>Evidence: Spiraled Materials</p> <p>Standards: 6.RP.1, 6.RP.2, 6.RP.3</p>
Understand percents and apply understanding to solve problems	<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Solve real-world problems involving percents and percent of a number Find percent as a rate per 100 <p>Evidence: Ch4 Post-Test</p> <p>Standards: 6.RP.3c</p>	<p>Grade-Level Skills:</p> <p>Continues to demonstrate mastery of:</p> <ul style="list-style-type: none"> Solve real-world problems involving percents and percent of a number Find percent as a rate per 100 <p>Evidence: Spiraled Materials</p> <p>Standards: 6.RP.3c</p>
Summarizes and describes sets of data		<p>Grade-Level Skills:</p> <ul style="list-style-type: none"> Recognize statistical questions Calculate measures of center including mean, median, and mode Calculate measures of variability including range and mean absolute deviation Display data on number lines, including dot plots, stem-and-leaf plots, histograms, and box-and-whisker plots Use measures of center to summarize all of the values in a data set, and use measures of variation to summarize how all the values in a data set vary with a single number Describe data based on center, spread, and shape Choose appropriate measures of center and variation based on shape <p>Evidence: Ch9 and Ch10 Post-Tests</p> <p>Standards: 6.SP.1, 6.SP.2, 6.SP.3, 6.SP.4, 6.SP.5, 6.SP.6</p>

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Report Card Descriptor	Semester 1	Semester 2
Solves problems involving area, surface area, and volume		<p>Grade-Level Skills:</p> <ul style="list-style-type: none">• Find the area of triangles• Find the area of special quadrilaterals• Find the area of polygons• Find the volumes of prisms with fractional edge lengths• Find surface area using nets and the formula (for shapes made of rectangles and triangles) <p>Evidence: Ch7 Post-Test</p> <p>Standards: 6.G.1, 6.G.2, 6.G.4</p>

Literacy

Semester 1: Fifth grade readers demonstrate independence by noting key information, and having meaningful conversations with peers. Students read both fiction and nonfiction to solidify essential skills (summarizing, monitoring for meaning, inferencing. etc.). They also utilize poetry as a way to deepen knowledge, analyze meaning, examine details and create mental images. In foundational skills, students strengthen their decoding, spelling and fluency skills. They develop their vocabulary through specific strategies, studying word parts and Greek & Latin roots. Fifth grade writers draft and revise a narrative story including how characters address problems in the fiction stories they read. Students intentionally plan the structure and utilize a variety of literary techniques, including elaboration, dialogue and flashback/flashforward. To build their opinion writing skills, they write both a persuasive essay and an editorial, making sure to have a strong thesis, including strong support for their thesis and organize their writing. Fifth graders also write an informational letter in which they focus on the structure of a formal letter and matching a writing task with audience and purpose.

Semester 2: Fifth-grade readers further enhance their comprehension skills by employing strategies such as analyzing the author's craft, using text & graphic features and asking & answering more complex questions—all of which require critical thinking, text analysis, and drawing connections between ideas, themes, and supporting details. Fifth graders expand their vocabulary using a variety of strategies, including interpreting context clues, studying homophones and homographs, and enhancing their understanding of words with multiple meanings. They also continue to develop their knowledge of Greek & Latin roots, as well as prefixes and suffixes, to support their vocabulary growth. Fifth grade writers incorporate their study of grammar into their writing through their study of parts of speech, mechanics, conventions and punctuation. They write a variety of pieces including personal & imaginative narratives, research reports, lyric poems, and letters to the editor.

Math

Semester 1: Fifth grade mathematicians begin the semester reading, writing, comparing and rounding multi-digit numbers with decimals. They also use the standard algorithm to fluently add and subtract decimals. This is followed by number properties, order of operations, and writing and evaluating numerical expressions. Students also practice multi-digit multiplication, multiplication of decimals, and how to find products involving multiples of 10 and powers of 10. At the end of the semester, students divide by one- and two-digit whole numbers using the standard algorithm. All learning is also applied to word problems.

Semester 2: 5th grade mathematicians begin the second semester with dividing decimals using models and that standard algorithm. Students will then begin adding, subtracting, multiplying and dividing fractions with like and unlike denominators, including work with mixed numbers. Geometry and data units focus on length, mass, and capacity, graphing in the coordinate plane, interpreting data and finding patterns, and classifying triangles and quadrilaterals.

Science

Semester 1: Fifth grade scientists explore the topic of water scarcity and the various ways humans have attempted to get water to where it is needed. Throughout the unit, students will create a water scarcity-based public service announcement, solve a water pumping challenge,

develop models based on the interaction of Earth's four spheres, and design a solution to water pollution. During the second science unit, students learn how they can use properties of materials to identify them. They discover that dissolving and evaporation can be explained by particles and compare how solids behave when mixed with water. They also learn that melting points can be used to identify solids. Finally, in a culminating challenge, students apply what they have learned about properties of materials to identify four unknown solids.

Semester 2: During the final science unit, fifth grade scientists explore how plants and animals get the matter and energy they need to live and grow, how they interact in food webs, how change in one part of an ecosystem can have various effects, and how newly introduced species can sometimes become invasive. By analyzing weight and food intake data, and observing energy transfer from food items, students build the case that animals get both matter and energy by consuming food. They then traced matter and energy through complex food web interactions. They also consider what happens when a component of an ecosystem changes.

Social Studies

Semester 1: Fifth grade historians explore the rich and varied cultures of Indigenous Americans. Students investigate the reasons for European colonization and examine differing perspectives related to the event known as the “first Thanksgiving.”

Semester 2: Fifth grade historians continue to study the American colonies focusing on regional economics and the slave trade. They evaluate the events leading up to the Revolutionary War and the advantages and disadvantages of each side. Students also examine the Preamble of the Declaration of Independence, reflecting on how it applies to our current world. In a final unit, students investigate the structure and function of the US government including the three branches, checks and balances, and the role that individuals play in a democracy. Students explore the five freedoms of the First Amendment. They also examine how people have taken action to bring their ideas and issues to government officials, developing an understanding of civic engagement and participating in democracy.

Advanced Math

Semester 1: Fifth grade advanced mathematicians begin the semester learning about numerical expressions and factors. This includes work with exponents, powers, the order of operations, prime factorization, greatest common factor, and least common multiple. Students also work on operations with fractions and decimals, ratios and rates, and converting fractions, decimals, and percents. In the final unit of the semester, students write and evaluate algebraic expressions.

Semester 2: Fifth grade advanced mathematicians begin the second semester learning to write and solve equations and inequalities. In a geometry unit, students calculate the area of triangles, parallelograms, trapezoids, kites, and composite figures, find the surface area of prisms and pyramids, and find the volume of rectangular prisms. In the next unit, students study rational numbers and absolute value, and learn how to add, subtract, multiply, and divide positive and negative integers, fractions, and decimals. In the final unit of the school year, students study statistics. They learned about measures of central tendency such as mean, median, and mode. They also learned about measures of variation such as range, interquartile range, and mean absolute deviation. Students learned to interpret and make sense of data using stem-and-leaf plots, histograms, and box-and-whisker plots.