

Fourth Grade Standards

First Quarter

English / Language Arts

RL.4.1 / RI.4.1	Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
RL.4.2	Determine a theme of a story, drama , or poem from details in the text; summarize the text.
RI.4.2	Determine the main idea of a text and explain how it is supported by key details ; summarize the text.
RL.4.3	Describe in depth a character, setting , or event in a story or drama , drawing on specific details in the text.
RI.4.3	Explain events , procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
RF.4.2	Create readable documents through legible handwriting (cursive).
RF.4.4	Know and apply grade-level phonics and word analysis skills in decoding words. a. Use combined knowledge of all letter-sound correspondences, syllabication patterns, and morphology to read accurately unfamiliar multisyllabic words in context and out of context.
RF.4.5	Read with sufficient accuracy and fluency to support comprehension. a. Read on-level text with purpose and understanding. b. Read on-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings. c. Use context to confirm or self-correct word recognition and understanding, re-reading as necessary.
W.4.3	Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences. a. Organize information and ideas around a topic to plan and prepare to write. b. Establishing a situation and introducing a narrator, and/or characters; organize an event sequence that unfolds naturally. c. Use dialogue and description to develop experiences and events or show the responses of characters to situations. d. Use of transitional words and phrases to manage the sequence of events . e. Use concrete words and phrases to convey experiences and events precisely. f. Provide a conclusion that follows from the narrated experiences or events. With guidance and support from peers and adults, develop and strengthen writing as needed by revising and editing , with consideration to task , purpose , and audience.
L.4.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
L.4.2	Demonstrate command of the conventions of standard English capitalization, punctuation , and spelling when writing
L.4.3	Use knowledge of language and its conventions when writing, speaking, reading, or listening. a. Choose words and phrases to convey ideas precisely. b. Choose punctuation for effect. c. Differentiate between contexts that call for formal English and situations where informal discourse is appropriate.

Mathematics

NC.4.MD.3	<p>Solve problems with area and perimeter.</p> <ul style="list-style-type: none">• Find areas of rectilinear figures with known side lengths.• Solve problems involving a fixed area and varying perimeters and a fixed perimeter and varying areas.• Apply the area and perimeter formulas for rectangles in real world and mathematical problems.
NC.4.MD.4	<p>Represent and interpret data using whole numbers.</p> <ul style="list-style-type: none">• Collect data by asking a question that yields numerical data.• Make a representation of data and interpret data in a frequency table, scaled bar graph, and/or line plot.• Determine whether a survey question will yield categorical or numerical data.
NC.4.MD.8	<p>Solve word problems involving addition and subtraction of time intervals that cross the hour.</p>
NC.4.NBT.4	<p>Add and subtract multi-digit whole numbers up to and including 100,000 using the standard algorithm with place value understanding.</p>
NC.4.OA.1	<p>Interpret a multiplication equation as a comparison. Multiply or divide to solve word problems involving multiplicative comparisons using models and equations with a symbol for the unknown number. Distinguish multiplicative comparison from additive comparison.</p>
NC.4.OA.3	<p>Solve two-step word problems involving the four operations with whole numbers.</p> <ul style="list-style-type: none">• Use estimation strategies to assess reasonableness of answers.• Interpret remainders in word problems.• Represent problems using equations with a letter standing for the unknown quantity.
NC.4.OA.4	<p>Find all factor pairs for whole numbers up to and including 50 to:</p> <ul style="list-style-type: none">• Recognize that a whole number is a multiple of each of its factors.• Determine whether a given whole number is a multiple of a given one-digit number.• Determine if the number is prime or composite.

Science

4.P.3.1	<p>Students know basic forms of energy: light, heat, sound, electrical, and energy of motion. Students know that energy is transformed from one form to another</p>
4.P.3.2	<p>Students know that light travels in a straight line. Students know that light can be refracted, reflected, and/or absorbed.</p>
4.P.11	<p>Explain how magnets interact with all things made of iron and with other magnets to produce motion without touching them.</p>
4.P.1.2	<p>Explain how electrically charged objects push or pull on other electrically charged objects and produce motion.</p>