

Fifth Grade Standards

Fourth Quarter

English / Language Arts

RL.5.1 / RI.5.1	Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
RL.5.7	Analyze how visual and multimedia elements contribute to the meaning, tone, or aesthetics of a text.
RL.5.9	Compare and contrast stories in the same genre on their approaches to similar themes and topics .
RL.5.10 / RI.5.10	By the end of grade 5, read and understand literature and informational text at the high end of the 4-5 text complexity band proficiently and independently for sustained periods of time. Connect prior knowledge and experiences to text.
RI.5.8	Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).
RI.5.9	Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.
RF.5.5	Read with sufficient accuracy and fluency to support comprehension. <ol style="list-style-type: none"> Read on-level text with purpose and understanding. Read on-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings. Use context to confirm or self-correct word recognition and understanding, re-reading as necessary.
W.5.2	Write informative /explanatory texts to examine a topic and convey ideas and information clearly.

Mathematics

NC.5.MD.1	Given a conversion chart, use multiplicative reasoning to solve one-step conversion problems within a given measurement system.
NC.5.OA.2	Write, explain, and evaluate numerical expressions involving the four operations to solve up to two-step problems. Include expressions involving: <ul style="list-style-type: none"> Parentheses, using the order of operations. Commutative, associative and distributive properties.
NC.5.NBT.1	Explain the patterns in the place value system from one million to the thousandths place. <ul style="list-style-type: none"> Explain 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 products and quotients when numbers are multiplied by 1,000, 100, 10, 0.1, and 0.01 and/or divided by 10 and 100.
NC.5.NBT.5	Demonstrate fluency with the multiplication of two whole numbers up to a three-digit number by a two-digit number using the standard algorithm.
NC.5.NBT.6	Find quotients with remainders when dividing whole numbers with up to four-digit dividends and two-digit divisors using rectangular arrays, area models, repeated subtraction, partial quotients, and/or the relationship between multiplication and division. Use models to make connections and develop the algorithm.

Mathematics (Cont.)

NC.5.NBT.7	Compute and solve real-world problems with multi-digit whole numbers and decimal numbers.
NC.5.NF.3	Use fractions to model and solve division problems. <ul style="list-style-type: none">• Interpret a fraction as an equal sharing• Interpret a fraction as the division of the numerator by the denominator.• Solve one-step word problems involving division of whole numbers leading to answers in the form of fractions and mixed numbers
NC.5.NF.1	Add and subtract fractions, including mixed numbers, with unlike denominators using related fractions: halves, fourths and eighths; thirds, sixths, and twelfths; fifths, tenths, and hundredths.
NC.5.NF.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction, including mixed numbers.
NC.5.NF.7	Solve one-step word problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions using area and length models, and equations to represent the problem.
NC.5.G.1	Graph points in the first quadrant of a coordinate plane, and identify and interpret the x and y coordinates to solve problems.
NC.5.G.3	Classify quadrilaterals into categories based on their properties.

Science

5.P.1.1	Explain how factors such as gravity, friction, and change in mass affect the motion of objects.
5.P.1.2	Infer the motion of objects in terms of how far they travel in a certain amount of time and the direction in which they travel.
5.P.1.3	Illustrate the motion of an object using a graph to show a change in position over a period of time.
5.P.1.4	Predict the effect of a given force or a change in mass on the motion of an object.