

Fifth Grade Standards

Third Quarter

English / Language Arts

RL.5.5 / RI.5.5	Determine the meaning of words and phrases as they are used in a text, recognizing specific word choices that contribute to meaning and tone .
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.5.9	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. 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.5.1	Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
W.5.3	Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
W.5.4	With some guidance and support from adults, use digital tools and resources to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of word processing skills.
W.5.5	Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic .
W.5.6	Recall relevant information from experiences or gather relevant information from print and digital sources ; summarize or paraphrase information in notes and finished work, and provide a list of sources.
L.5.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking
L.5.2	Demonstrate command of the conventions of standard English capitalization, punctuation , and spelling when writing
L.5.3	Use knowledge of language and its conventions when writing, speaking, reading, or listening. a. Expand, combine, and reduce sentences for meaning, reader/listener interest, and style. b. Compare and contrast the varieties of English used in stories, dramas , or poems .
L.5.5	Demonstrate understanding of figurative language and nuances in word meanings. a. Interpret figurative language, including similes and metaphors, in context. b. Recognize and explain the meaning of common idioms , adages , and proverbs .

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.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.
NC.5.NBT.7	Compute and solve real-world problems with multi-digit whole numbers and decimal 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. <ul style="list-style-type: none">• Use area and length models to multiply two fractions, with the denominators 2, 3, 4.• Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number and when multiplying a given number by a fraction less than 1 results in a product smaller than the given number.• Solve one-step word problems involving multiplication of fractions using models to develop the algorithm.
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.

Science

5.L.1.1	Explain why some organisms are capable of surviving as a single cell while others require many cells that are specialized to survive.
5.L.1.2	Compare the major systems of the human body (digestive, respiratory, circulatory, muscular, skeletal, and cardiovascular) in terms of their functions necessary for life.
5.L.3.1	Students know that the life processes and species characteristics that define a population will be transmitted from parent to offspring.
5.L.3.2	Students know some likenesses between parents and children are inherited. Students know that in order for offspring to resemble their parents there must be a reliable way to transfer genetic information from parent to offspring. This is also the time to start building the notion of a population whose members are alike in many ways but show some variation.
5.L.2.1	Compare the characteristics of several common ecosystems, including estuaries and salt marshes, oceans, lakes and ponds, forests, and grasslands.
5.L.2.2	Classify the organisms within an ecosystem according to the function they serve: producers, consumers, or decomposers (biotic factors).
5.L.2.3	Infer the effects that may result from the interconnected relationship of plants and animals to their ecosystem.