

Fourth Grade Standards

Third Quarter

English / Language Arts

RL.4.6	Compare and contrast the point of view from which different stories are narrated, including the difference between first- and third-person narrations.
RI.4.6	Compare and contrast a firsthand and secondhand account of the same event or topic ; describe the differences in focus and the information provided.
RL.4.7	Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.
RI.4.7	Interpret information presented visually, orally, or quantitatively and explain how the information contributes to an understanding of the text in which it appears.
RI.4.8	Explain how an author uses reasons and evidence to support particular points in a text.
W.4.1	Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
W.4.2	Write informative /explanatory texts to examine a topic and convey ideas and information clearly.
L.4.6	Acquire and use accurately grade- appropriate general academic and domain-specific words and phrases , including those that signal precise actions, emotions, or states of being and that are basic to a particular topic .

Mathematics

NC.4.NF.1	Explain why a fraction is equivalent to another fraction by using area and length fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size.
NC.4.NF.2	Compare two fractions with different numerators and different denominators, using the denominators 2, 3, 4, 5, 6, 8, 10, 12, and 100. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols $>$, $=$, or $<$, and justify the conclusions by: <ul style="list-style-type: none">Reasoning about their size and using area and length models.Using benchmark fractions 0, $\frac{1}{2}$, and a whole.Comparing common numerator or common denominators.
NC.4.NF.3	Understand and justify decompositions of fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and 100. <ul style="list-style-type: none">Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.Decompose a fraction into a sum of unit fractions and a sum of fractions with the same denominator in more than one way using area models, length models, and equations.Add and subtract fractions, including mixed numbers with like denominators, by replacing each mixed number with an equivalent fraction, and/or by using properties of operations and the relationship between addition and subtraction.Solve word problems involving addition and subtraction of fractions, including mixed numbers by writing equations from a visual representation of the problem.

Mathematics (Cont.)

NC.4.NF.4	Apply and extend previous understandings of multiplication to: <ul style="list-style-type: none">• Model and explain how fractions can be represented by multiplying a whole number by a unit fraction, using this understanding to multiply a whole number by any fraction less than one.• Solve word problems involving multiplication of a fraction by a whole number.
NC.4.NF.6	Use decimal notation to represent fractions. <ul style="list-style-type: none">• Express, model and explain the equivalence between fractions with denominators of 10 and 100.• Use equivalent fractions to add two fractions with denominators of 10 or 100.• Represent tenths and hundredths with models, making connections between fractions and decimals.
NC.4.NF.7	Compare two decimals to hundredths by reasoning about their size using area and length models and recording the results of comparisons with the symbols $>$, $=$, or $<$. Recognize that comparisons are valid only when the two decimals refer to the same whole.

Science

4.P.2.1	Compare the physical properties of samples of matter (strength, hardness, flexibility, ability to conduct heat, ability to conduct electricity, ability to be attracted by magnets, reactions to water and fire)
4.P.2.2	Explain how minerals are identified using tests for the physical properties of hardness, color, luster, cleavage, and streak
4.P.2.3	Classify rocks as metamorphic, sedimentary, or igneous based on their composition, how they are formed and the processes that create them