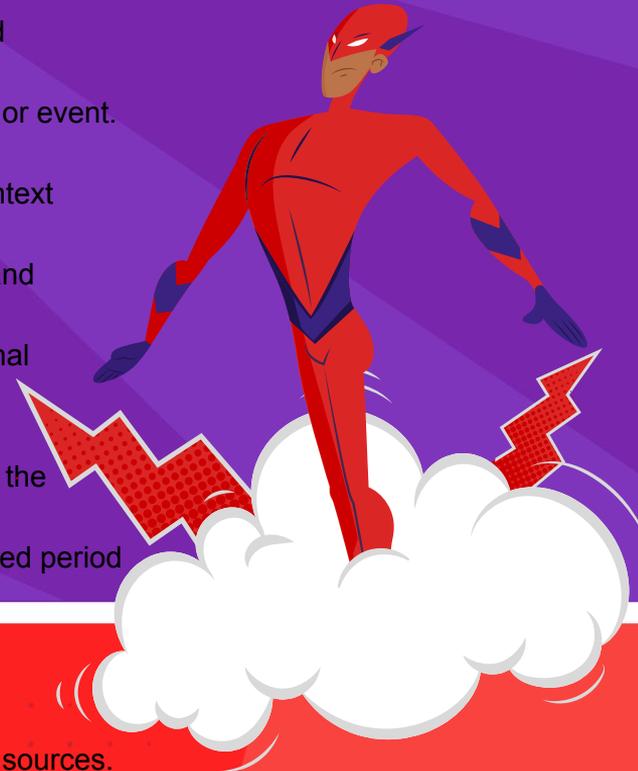


ENGLISH LANGUAGE ARTS

- Write in cursive.
- Use knowledge of letter sounds, syllables, root words, prefixes, and suffixes to read and understand fourth grade level texts.
- Refer to details in the text when drawing inferences and describing a character, setting, or event.
- Summarize the text by including the theme or main ideas and details.
- Determine the meaning of unknown and multiple meaning words and phrases using context clues, word parts, reference materials, and noting how words are related.
- Compare and contrast the points of view of different stories and firsthand and secondhand accounts of the same subject or topic.
- Compare and contrast similar themes and topics in different stories, myths, and traditional literature from different cultures.
- Explain how the author uses reasons and evidence to support his/her points in the text.
- Integrate information from two texts on the same topic when writing about or discussing the topic.
- Read and understand texts appropriate for fourth grade independently and for a sustained period of time.
- Write developed opinion, informative, and narrative pieces.
- Use digital tools to produce and publish writing and collaborate/interact with others.
- Sufficiently use word processing skills.
- Conduct short research project, take notes, and categorize information; provide a list of sources.
- Contribute to discussions by making comments and linking comments to others' comments.
- Explain similes and metaphors; idioms, adages, and proverbs.





- Work cooperatively to explore life, earth, and physical science through investigations.
- Explain how food gives people energy and the importance of vitamins, minerals, and exercise.
- Explain how magnets can push or pull other magnets and things made of iron without touching them and how electrically charged objects push or pull other electrically charged objects.
- Recognize light, sound, heat, electricity, and magnetism as a basic forms of energy and that light can be reflected, refracted, and absorbed.
- Compare matter strength, hardness, flexibility, attraction to magnets, ability to conduct heat and electricity, and reaction to water and fire.
- Compare minerals based on their properties and identify rocks as sedimentary, metamorphic, or igneous.
- Compare fossils to other fossils and living things and explain how fossils give ideas about the Earth's history.
- Give examples of how the Earth changed slowly due to erosion and weathering and rapidly due to earthquakes, volcanoes, and landslides.
- Explain that day and night are caused by Earth's rotation and how the moon's appearance changes as it orbits Earth each month.
- Explain how animals change their behaviors when their environment changes and how differences among the same kind of animals help them reproduce and survive.
- Give examples of ways people can help the environment such as recycling.

SOCIAL STUDIES

- Examine the ways trade and settlement lead to the migration of people to different regions and affected existing groups.
- Analyze interactions between people and events that lead to the development of communities and regions.
- Examine the role of North Carolina in major conflicts throughout history.
- Identify and examine the ways North Carolina honors its past through buildings, statues, monuments, place names, and symbols.
- Understand how and why regions develop over time through technology, transportation, communication, and population changes.
- Identify the ways human activity changes the physical landscape and available natural resources in North Carolina.
- Identify the basic concepts of market economy and how these concepts impact North Carolina businesses.
- Analyze the ways personal finance decisions and responsibilities can affect everyday life.
- Examine the government of the state of North Carolina throughout history and in comparison to local governments.
- Analyze rights and responsibilities of the government and citizens through documents such as the North Carolina Constitution.
- Exemplify characteristics of various cultural groups of North Carolina and how they affected the development of the state.



MATH



- Collect numeric data and use a line plot to organize and represent the data.
- Read, write, compare, add, and subtract numbers up to 100,000.
- Multiply a 1-digit number by a number with up to 3-digits and a 2-digit number by another 2-digit number including problems in which two numbers are being compared using multiplication.
- Divide a number with up to 3-digits by a 1-digit number.
- Solve two-step word problems involving addition, subtraction, multiplication, and division.
- Identify factors, multiples, prime, and composite numbers up to 50.
- Identify equivalent fractions and compare fractions by reasoning about size, by relating to 0, %, or 1 whole, or by comparing common numerators or common denominators.
- Add and subtract fractions and mixed numbers with the same denominator using models (circles, rectangles, and number lines), including halves, thirds, fourths, fifths, sixths, eighths, tenths, twelfths, hundredths.
- Multiply a fraction by a whole number.
- Compare and combine fractions and decimals, including tenths and hundredths.
- Measure and draw angles and solve problems involving addition and subtraction of angles.
- Draw and identify basic geometric figures such as points, lines, line segments, rays, angles, perpendicular lines, parallel lines. Identify these figures in 2-D shapes such as triangles, rectangles, squares, trapezoids, parallelograms, rhombuses, and hexagons.
- Draw and identify lines of symmetry in 2-D shapes.
- Measure and convert meters to centimeters, kilograms to grams, and liters to milliliters.
- Solve problems involving elapsed time.
- Solve problems involving both area and perimeter.