

ing logs, letters of request and complaint, diaries, journals, rules and instructions

Information Skills:

Students will learn to:

- Select resources for personal and informational purposes
- Participate in reading aloud, storytelling, and 'booktalking' events
- Identify story elements such as problem, moral, theme, and compare and contrast events and characters
- Identify characteristics of various genres such as folklore and legends
- Identify different reference sources (almanac, newspaper, magazine, encyclopedia) and select the most appropriate source of information
- Identify parts of a book such as bibliography
- Be familiar with Newberry Medal and other notably recognized books
- Follow the Acceptable Use of Internet and Computer Resources Guidelines (Policy 6300)



Math

Goal 1: Number and Operations

- Read, write, estimate, and order numbers from hundredths through the ten-thousands place
- Multiplication of 2-digit by 2-digit numbers (ex. $46 \times 23 = ?$)
- Division of a 3-digit number by a 2-digit number (ex. $365 \div 15 = ?$)
- Understand fractional relationships (ex. $1/2 = 0.5$, $1/5 = 2/10$)
- Understand parts of a fraction and addition and subtraction of fractions
- Problem solving strategies

Goal 2: Measurement

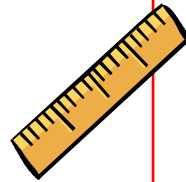
- Identify perimeter and area of different shapes

Goal 3: Geometry

- Use a coordinate grid to locate positions of figures and points
- Identify parallel and perpendicular lines
- Identify, predict, and describe reflections, translations, and rotations

Goal 4: Data Analysis and Probability

- Understand and use graphs, probability, and data
- Identify median, mode, and range
- Compare two sets of data



Goal 5: Algebra

- Understand mathematical relationships with symbols, numbers, and pictures
- Use order of operations
- Identify and apply the identity, commutative, associative, and distributive properties



Science

Goal 1: Animal Behaviors and How They Adjust to Their Environment

- How all living and nonliving things affect the life of: other animals, plants, weather, and climate
- How animals are alike and different
- Characteristics of animals and survival
- How animals and humans change according to their environment

Goal 2: Rocks and Minerals

- What is in a mineral
- How to identify a mineral
- How rocks are made of minerals
- The differences between rocks
- The uses of rocks and minerals
- Putting rocks and minerals in groups based on characteristics
- Different rocks and minerals in North Carolina

Goal 3: Magnetism and Electricity

- How magnets work
- The uses of magnets
- How to design and test an electric current
- The relationship between magnetism and electricity
- The parts of a light bulb
- Objects that conduct electricity
- Safety precautions when lightning occurs

Goal 4: Food for Growth and Repair

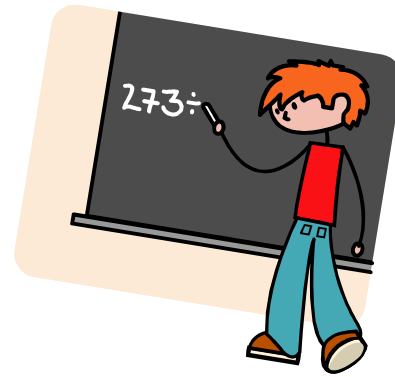
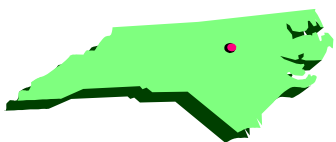
- Why we need energy to live and grow
- How food provides energy and nutrients to living things
- Understanding carbohydrates
- What is in food



Social Studies

Students will learn to:

- Identify ways the individual can contribute to the community
- Examine the important roles ethnic groups (e.g. Native Americans) have played in the development of North Carolina
- Trace the history of North Carolina from colonization to present day
- Apply the five themes of geography to North Carolina and its people:
 - Location
 - Movement
 - Human/Environment Interaction
 - Regions
 - Place
- Evaluate how North Carolinians apply economic principles within the community, state, and nation
- Give examples of interdependence that North Carolina has with other states and nations
- Identify the advantages and disadvantages of technology in the lives of North Carolinians
- Investigate the development of political and social institutions of North America



What will your child learn this year in 4th Grade?



Iredell-Statesville Schools

English/Language Arts

Students will learn to:

- Expand vocabulary by reading a variety of print materials
- Spell high frequency words routinely and use resources to check spelling
- Communicate effectively with different audiences through spoken, written, and visual formats
- Apply comprehension strategies, such as rereading the text, consulting other sources, asking for help, paraphrasing, and questioning
- Read a variety of texts, including legends, novels, folklore, science fiction, autobiographies, informational books, diaries, journals, poetry, and drama
- Identify and interpret the differences between fiction and nonfiction
- Identify the author's purpose and choice of words, plot, theme, main idea, and supporting details
- Verify the meaning and accuracy of the author's statements
- Consider a situation or problem from different characters' points of view
- Make inferences, draw conclusions, and make generalizations by referencing the text
- Read self-selected books independ-



- ently for 20-30 minutes a day
- Conduct research for assigned self-selected projects from a variety of sources, such as print and non-print texts, artifacts, people, libraries, databases, and computer networks
- Write for a variety of purposes and audiences
- Use correct capitalization and punctuation to edit and revise a written draft that conveys major ideas and maintains focus on the topic with specific, relevant, and supporting details
- Use appropriate pronouns, subject/verb agreement, verb tense, and subject agreement when speaking or writing
- Elaborate written and spoken information by using simple and compound sentences, regular and irregular verbs, adverbs, prepositions, and coordinating conjunctions
- Compose multiple paragraphs which have a topic sentence, specific and relevant details, coherence, elaboration, and a concluding statement
- Proofread and correct most misspellings independently with reference resources, such as dictionaries, thesauri, glossaries, and computer spell-checks
- Produce personal and imaginative narratives, research report, learn-