

in North Carolina during the first half of the 19th century

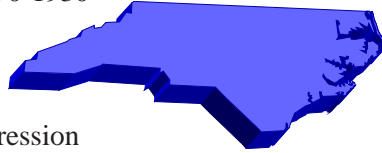
- Examines the causes, course, and character of the Civil War and Reconstruction, and their impact on North Carolina and the nation
- Evaluates the impact of political, economic, social, and technological changes on life in North Carolina from 1870-1930

• Analyzes the immediate and long-term effects of the Great Depression and World War II on North Carolina

- Analyzes changes in North Carolina during the postwar period to the 1970s

• Evaluates the impact of demographic, economic, technological, social, and political developments in North Carolina since the 1970s

- Explores examples of and opportunities for active citizenship, past and present, at the local and state levels



Technology Education

Using technology is required for a person to be successful in today's world. Middle school students continue to acquire computer skills for use in all classes. Students are taught to use word processing, spread sheets, and databases.

All students must pass the Computer Skills Test in order to graduate from high school in the state. The test is scheduled to be given online to eighth graders, and will contain two parts - multiple choice and performance questions. In eighth grade, your student:

- Demonstrates responsible and safe use of online resources
- Uses Copyright and Fair Use Guidelines
- Uses spreadsheets and databases relevant to classroom assignments

- Chooses charts/tables or graphs to best represent data
- Conducts online research and evaluates the information found
- Uses word processing/desktop publishing for classroom assignments/projects
- Selects and uses a variety of technological tools to develop projects in content areas

Healthful Living

Students in the eighth grade will cover stress management, protecting self/others, relationships, nutrition/weight management, substance abuse, personal fitness, healthful lifestyles, diversity, social wellness, movement forms, fitness and sports literacy.

Focus Areas for Eighth Grade

- Fads affect on health
- Heimlich maneuver and CPR
- Media literacy
- Signs and symptoms of depression
- Balancing caloric intake with expenditure
- Eating disorders
- Performance enhancing drugs
- Effects of drugs and alcohol
- Working out at a vigorous exercise rate for 60 minutes daily
- Utilize technology to research personal wellness
- Advanced skill in team, individual or dual activities, including dance
- Knowledge for a safe environment to participate in physical activity



8th Grade

What will my child

learn

in

8th Grade?

2008-2009

**Carteret County
Public School System
107 Safrit Drive
Beaufort, NC 28516
phone - 252-728-4583**

**www.carteretcountyschools.org
Click on Curriculum/Instruction to find the
NC Standard Course of Study**

2008-2009

**Carteret County
Public School System**

A Message to Parents/Guardians:

This brochure provides an overview of the eighth grade curriculum that will be used to teach your child. Instruction follows the North Carolina Standard Course of Study which is a guide for all schools. The Carteret County Public School System's curriculum guides provide consistency throughout all the grades in the system and accelerate instruction to higher standards.

This brochure should provide you with a better understanding of the major study areas of language arts, mathematics, science, social studies, technology education, and healthful living. Students also have instruction in arts education and library/media use.

As a parent or guardian, you are an essential part of your child's total school program. Your involvement in school activities helps to make your child's eighth grade experiences successful.

Language Arts

The language arts curriculum for eighth graders is divided into six goal areas.

Goal - Expressive -

- Uses language to express individual perspectives through analysis of personal account
- Connects self to print/non-print material
- Interacts in group activities/seminars
- Uses reflection



Goal - Informational -

- Analyzes and evaluates informational materials read, heard and/or viewed
- Evaluates and uses information from a variety of sources

Goal - Argumentative -

- Continues to refine use and understanding of argument
- Evaluates public documents
- Creates persuasive products

Goal - Critical -

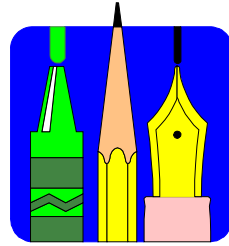
- Uses the stance of a critic
- Continues to refine critical thinking skills and creates criteria to evaluate text and multimedia
- Analyzes the purpose of the author/creator

Goal - Literary -

- Interprets/evaluates a range of literary texts
- Increases fluency, comprehension and insight
- Studies the characteristics of literary genres

Goal - Grammar/Language Usage -

- Understands the application of grammar usage and conventions including parts of speech, subject/verb agreement, pronouns, phrases, vocabulary, dialects, language
- Identifies/edits errors in spoken and written English; uses spelling rules and various sentence lengths/structures, produces final drafts, self corrects everyday speech, proofreads



Math

Eighth graders are taught problem solving through five strands:

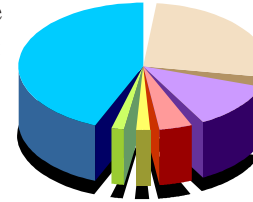
- 1 - number and operations;
- 2 - measurement;
- 3 - geometry;
- 4 - algebra; and
- 5 - data analysis and probability.

The major mathematical concepts and skills studied in eighth grade are:

- Real numbers
- Linear functions
- Scatterplots
- Slope
- Equations and inequalities
- Pythagorean theorem, indirect measurement
- Students will solve relevant and authentic problems using appropriate technology and apply these concepts as well as those developed in earlier years.

Students will maintain the following concepts and skills:

- Ratio, proportion and percent
- Factors and multiples
- Box plots and histograms
- Volume and surface area

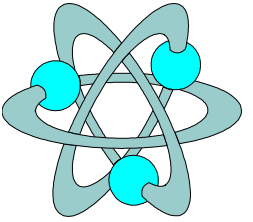


Science

Learners will study the constancy and change of natural and technological systems. Four strands provide a context for teaching content: The Nature of Science, Science as Inquiry, Science and Technology, and Science in Personal and Social Perspectives. Learners will:

- Design and conduct investigations to demonstrate an understanding of scientific inquiry
- Demonstrate an understanding of technological design
- Conduct investigations and utilize technologies and information systems to build an understanding of the hydrosphere

- Conduct investigations and utilize technology information systems to build an understanding of chemistry
- Conduct investigations, use models, simulations and technologies and information systems to build an understanding of cell theory
- Conduct investigations, use models, simulations, and technologies and information systems to build an understanding of microbiology



Social Studies

Students in the middle grades continue the geographic study of world regions as they examine South America in the Western Hemisphere and Europe, Africa, Asia and Australia in the Eastern Hemisphere. They also engage in an historical study of the creation and development of the state of North Carolina.

Eighth grade students examine the roles of people, events, and issues in North Carolina history that have contributed to the unique character of the state today. Building on the fourth grade introduction, the time frame for this course emphasizes revolutionary to contemporary times.

- Analyzes important geographic, political, economic, and social aspects of life in the region prior to the Revolutionary period
- Traces causes and effects of the Revolutionary War, and assess the impact of major events, problems, and personalities during the constitutional period in North Carolina and the new nation
- Identifies key events and evaluate the impact of reform and expansion