

# **Carnage GT/AIG Magnet Middle School**

## **Course Description Guide**

Note: Not all classes in this guide are offered every year. Please refer to your registration form for current choices.

### **Language Arts**

#### **Bah Humbug! Meet Mr. Dickens (Q)**

In this course students will learn about real life experiences and connect these to his works of literature. Through the study of Charles Dickens' life student will learn about the fascinating characters he invented; such as David Copperfield, Oliver Twist, and Scrooge.

#### **Brain Games (Q)**

This course challenges students to solve many types of word and logic puzzles relating to the language arts curriculum. They will create and publish their own puzzles for their classmates and for the rest of the school. In addition, students will participate in "quiz-bowl" type activities using electronic buzzers and computers. Students will research and create their own Jeopardy and quiz-bowl questions. They will create quiz-bowls on the computer to challenge their classmates. Students will also have the opportunity to post their contests on the school's World Wide Web site or in the school's literary magazine.

#### **Classical Mythology(Q)**

Students investigate the influences of mythology on several major cultures as well as the influences of mythology on present life. Analysis and comparison of Greek and Roman myths are included in this course.

#### **Creative Writing (Q)**

A variety of writing styles and techniques are practiced. Students spend a majority of class time writing and receiving help from the teacher and their peers in editing and revising.

#### **Debate/ Public Speaking (Q)**

Students review the production of oral communication through writing, delivering, and critiquing informal and formal speeches. Information and persuasive public speaking are emphasized as students learn to consider both sides of an issue in formal debate.

#### **Folktales and Myths (Q)**

In this course, students explore myths and folktales from the cultures of Africa, Asia, and America. They develop skills in reading comprehension, critical thinking, and literary analysis.

### **Literary Magazine (Sm)**

Be a part of developing an award winning literary magazine through cooperative group processes. Review literary forms, compare and contrast, think critically, and evaluate the use of various literary styles. This literary magazine is completely created, formatted, and published by students taking this course. The magazine can be entered into various state-wide and sponsored competitions.

### **Great Books (Q)-Course most enjoyed by advanced readers**

Reading and discussion, comprehension, logical and critical thinking processes, and literary interpretation will be taught through reading novels and/or short stories, and may use materials created by the Jr. Great Books Foundation.

### **It's Hilarious (Q)**

Students apply knowledge of the elements, levels, and forms of humor throughout history via creative products. This course seeks to broaden the student's appreciation of humor and develop awareness of appropriateness of humor.

### **Literary Magazine (Sm)**

Be a part of developing an award winning literary magazine through cooperative group processes. Review literary forms, compare and contrast, think critically, and evaluate the use of various literary styles. This literary magazine is completely created, formatted, and published by students taking this course. The magazine can be entered into various state-wide and sponsored competitions.

### **Logical Minds (Q)**

In this language arts based logic course, students study analogies, brainteasers, mind stretchers, paradoxes, puzzles, matrix logic, and other forms of reasoning activities.

### **Mystery and Suspense (Q)**

What makes a reader hang on the edge of their seat? You'll be a master and have the answer to that question after taking this elective! Learn about the elements of mystery in literature, and apply these sneaky skills as you create your own suspenseful stories.

### **The Old Ballgame (Q)**

If you love baseball, this elective is for you! Equality for women, race relations, and how other social changes of the time affected the game are a part of this course. The existence of Minor and Major League Baseball as a reflection of the social, political and economic changes in North Carolina and the US since 1865 will be included in studied themes. Hone your literacy skills as you learn to "play" the game, read about and study stadium layouts; create a team, a stadium in which your team plays, and then share it all with your audience!

### **Odyssey of the Mind I (yearlong elective)**

Prerequisite: Teacher recommendation. In this course, thinking process development and logic skills are stressed as students develop their problem solving abilities. Students create and study truth tables, Venn diagrams, Euler circles, analogies, paradoxes, puzzles, and symbolic proofs. Skills in application, analysis, synthesis, and evaluation are stressed. Both convergent and divergent problems are studied in preparation for later problem solving competition.

### **Poetry in Motion (Q)**

Poetry in Motion is designed to encourage a life-long love of poetry, regardless of entry feelings about this genre. A student-centered approach is used, beginning with the creation of the “textbook” for the course: an anthology of favorite published poems, chosen by students in the class, to be continued later in the course with their own original poems.

### **Science Fiction (Q)**

In this course, students will expand their appreciation for science fiction as a literary genre, as a tool for picturing the future, and an avenue for creative social interactions.

### **Short Stories (Q)**

Students will focus on the literary form of short story while reading and viewing contemporary and classical works. Writing styles plot development; characterization, setting, themes, and formats of various authors will be studied and discussed.

### **Sports Fever (Q)**

Students increase reading comprehension and vocabulary skills through reading and writing about professional, college, high school, and middle school sports. **This is not a PE class**

### **Storytelling/NC Legends and Fairytales (Q)**

Students will practice telling and listening to stories, read stories by other authors, create different types of stories, and share their stories with the class. NC Legends and Fairytales are two separate courses, but have the same focus and objectives, just different areas of literature.

### **Studies in African American Literature (Q)**

In this elective, you'll develop an appreciation for the contributions of African American writers to American literature, and how that literature reflects culture. You will experience multiple opportunities for discussion of the works you are reading, and opportunities for written reflection

### **Tar Heel Folklore (Q)**

This course will introduce students to the rich folklore and various literary geniuses of North Carolina.

### **Video Literature (Q)**

Under this course title, students will be exposed to how film media has been used to depict different aspects of literature from the core subject areas of language arts, social studies, and science. Comparison and contrast are emphasized between print and film media. Differences in technique to tell a story are investigated, for example, what is read vs. what is shown. Students will analyze the connections between how a story is presented in written vs. cinema format.

### **Wonderful Words (Q)**

Expand your vocabulary through knowledge of word derivations. Word origins, and their relation to the modern English language, as well as other romance languages will be studied. Whether you're a lexophile (lover of words!), wanting to be a better reader, *or would like to prepare for the S.A. T.* by learning suffixes, roots, and word derivations, this elective is for you!

## **Mathematics**

**Fantasy Sports (Q)**-Football, baseball, basketball, hockey, and our own "March Madness" love of the NCAA-How can the use of, understanding of, and FUN of numbers help you to enjoy these games to their fullest? Come and find out as you learn to manage your own "fantasy team"!

### **Financial Finesse- 2063CT Money Smarts For Teens (Q)**

Learn what you need to know to get on a great financial path! The skills you learn in this elective will give you the "financial intelligence" you'll need to know to set yourself up for a healthy financial future. Use what you learn to manage money you have now-allowance, small jobs-and the money you'll earn in the future. A fun, interactive way to learn about personal finance.

### **Fun with Numbers (Q)**

Do you find math confusing or boring? Would you like to feel more comfortable with how numbers work together? Is it even possible for math to make sense and be SUPER useful to you? Come strengthen your math skills and have FUN with NUMBERS!

### **Geometric Construction/Geometric Principles (Q)**

Stretch your problem-solving skills by applying geometric concepts to solve two-dimensional geometry challenges on concepts such as rays, polygons, triangles, angles, rectangles and circles by making line constructions. Symmetry, motion, closed figure study, congruence, and model making are also part of this elective. Maze creation and hands-on math projects challenges you to think in three dimensions. Solve 3-D challenges, create your own challenges for others to experience, and develop your ability to look at a problem in more than one way!

### **Graph It (Q)**

Students work with basic statistics – range, mean, median, and mode. They learn to collect and interpret data. Constructions of the following graph types are taught: picture graphs, bar graphs, line graphs, circle graphs, and histograms.

### **Math Art (Q)**

Students learn to construct geometric figures using a straight edge and compass. They study common geometric terms such as point, line, and plane. Some classes are involved with counting books for area day cares and other classes will sew quilting squares together based on geometric design.

### **MSEN Pre-College Program (Q)**

Prerequisite: Teacher Approval upon application. North Carolina State University in conjunction with the Wake County Public School System sponsors this program. It is an academic enrichment program, which focuses on math and science needs of minority and female students. This is not a remedial program.

### **Number Crunching in the Real World (Q)**

This elective will help you develop your math skills through real-world, every day uses. You'll gather information so that you can learn how to analyze the data to apply it to *real* applications, such as weather, house design, maps, politics, sports, and culture.

### **THE NUMBER DEVIL (Q)**

“The Number Devil: A Mathematical Adventure” is an intriguing program that takes an unusual approach to mathematics. Rather than tackling a specific area of mathematics, like addition, fractions, or algebra, this program goes after a collection of potentially intriguing number concepts. Concepts ranging from prime numbers, to square roots, to Fibonacci numbers. And it does it in a way that might capture the interest of some who would otherwise seem immune to the mystery of numbers.

### **Number Theory-The Architects of Learning (Q)**

Apply math skills in geometry, measurement, scale, and proportion to create a campus of 3-D pavilions designed to display a theme. Using real-world situations and Gardner's theory of multiple intelligences you will recognize your strengths and "show what you know"! Work cooperatively, present your project, and assess your own and your team's accomplishments. Topics may also include math development through history, bases other than ten, and magic squares.

### **Numbers- We all use Math Everyday! (Q)**

Based on the TV show, "Numb3rs", you will use logic and rationality to help "solve crimes".

### **Problem Solving through Strategic Games (Q)**

Strengthening problem-solving and strategic skills through challenging strategic games. Backgammon, Monopoly, Checkers, Connect Four, and Life, among others, are some of the games used to enhance logic, mental math, and creativity. Social skills such as working through a challenge in an appropriate way are stressed as students learn the politics of good sportsmanship.

### **Quizzical Quilts (Q)**

This course is an introduction to the art of quilting using mathematical concepts. Students will learn basic quilting techniques and create small paper and or fabric quilts. Topics will include: the history of quilting, quilt design, algebraic and geometric properties and relationships, and may include hand sewing. Quizzical Quilts II- *Prerequisite-Quizzical Quilts 1*. Students take their skills to new levels of complexity.

### **Stock Market (Q)**

Study the process and considerations of investing- in the stock market. Students choose a company, track its stock for gains and losses, and present their findings to the class. Vocabulary, such as Bull market, *PIE* ratio, ticker symbols, profit, day trader, mutual funds, etc., are learned. Current economic indicators and their effects are discussed. Students participate in the North Carolina SMS- Stock Market Simulation- an on- line, real-world, real-time interactive computer program.

### **What are my Chances? Probability and Statistics (Q)**

Learn the concepts of probability and statistics the fun way-through games that depend on chance!

## **Science**

### **A Bug's View-Insects up Close! (Q)**

A hands-on elective that teaches entomology through lab-based and project-based lessons. Investigate the anatomy and morphology of insects. Use microscopes, study movements and habits of particular species. Complete a personal insect collection using still images or preserved, mounted specimens.

### **Pet Vet: Animal Science (Q)**

Come journey into the science of our most loved pets. Explore the habitats, adaptations, relationships, and care of mammals, reptiles, amphibians, birds, aquatic life, and insects. Learn the classification system scientists use to study these fascinating creatures. Conduct your own research using books, internet, and live animals. Discover animal careers and the challenges and joys they bring. If you love animals, this is the place for you!

### **Astronomy (Q)**

This course includes three areas of astronomy: early astronomy, the motion of the planets, and methods of astronomy.

### **Botany (Q)**

Students investigate the structure and function of representative examples of the major divisions within the plant kingdom. Under controlled laboratory/greenhouse conditions, they investigate factors affecting the growth of plants.

### **Change the World-Future Problem Solvers (Q)**

Do you see "problems" in the world around you that you'd like to "fix", but don't know how? Through this elective, you'll learn how to identify a need or problem, brainstorm your own ideas, collaborate with others, and come up with a plan. Under the science umbrella, this course will have a strong focus on STEM process, and how creative thinking was/is used to solve past, current, and future problems. Students will also learn about people who thought "outside the box" to solve a problem.

### **Electricity and Magnetism-It's Electric! (Q)**

Get a thorough understanding of these mysterious forces-how do they work? What would happen if we didn't have them? What are the different ways that electricity is generated, and the costs and benefits of each type? This elective will "electrify" your learning!

### **Environmental Ecology (Q)**

This course fosters the understanding of ecological concepts and allows students to explore environmental choices as related to the use and protection of air, land, food, and other natural resources.

### **Forensics I-Who Done It? (Q)**

Use experimentation and the scientific method to investigate the world around you using forensics technology. Apply laboratory techniques to support procedures, investigate "evidence", analyze, and use these techniques to arrive at a conclusion.

### **Fun with Geology (Q)-**

Were these rocks walked on by dinosaurs? Hands-on learning of rock and mineral classification and study of the geologic time scale can help you answer these questions. Develop your interest in science through this fun elective.

### **Galileo, Newton, & Einstein: How Their Ideas Changed the World (Q)**

Ideas from Galileo, Newton, and Einstein have deeply impacted the way we view science and the world. This course will introduce students to the idea of these three scientists. Students will compare and contrast Galileo, Newton, and Einstein's theories on gravity, motion, light, and time. Students will understand Galileo's, Newton's, and Einstein's contributions to understanding astronomy. This course has a video-based format.

### **Grey Matter: An Owner's Guide to the Brain (Q)**

Do you know your Pons from your Pituitary? What's a medulla? How does your personal processor make you unique? Learn about your brain's function, and theories of learning.

### **Hurray for Herpetology! (Q)**

Reptiles and Amphibians of North Carolina and beyond. 3001CZ

The study of herpetology-reptiles and amphibians-is not just fascinating, but provides us with clues as to what's happening in our environment. These amazing animals have developed varied and interesting survival skills and adaptations over the course of time. Come learn about the wild and wonderful world of herps!

### **Lab-Busters (Q)**

Solving "myths" using the Scientific Process 3080CH

Urban legends or truth? How can you find out if that crazy incident you heard about is truth, a colorful hoax, or a little of both? Use the scientific process to discover whatever "myth" you choose to "bust"! This course is designed to help students thoroughly understand the scientific method, and to be able to successfully construct experiments of their own using the scientific method. They will also demonstrate and understanding of many of the different disciplines of science, (biology, physics, earth science, chemistry, etc.) and how some experiments incorporate different science disciplines. Students will also learn about some notable scientists from each discipline covered in the curriculum.

### **Micro Madness (Q)**

Students will learn the principles of microscopy in laboratory-based lessons. They will be taught proper use and care of the microscope and will explore the history of the microscope. Students will investigate the micro world around them by observing such specimens as those found in a drop of water, plant cells, animal cells, and fibers. Students will use videocam microscopes to capture their images and save them in the computer as a collection or for future presentations.

### **Mousetrap Cars (Q)**

Students will design, build and test a mousetrap car. By building the mousetrap car, students will learn to classify the kinds of motion as linear, rotational, reciprocating and oscillating. They will learn to analyze and predict the motion of objects, devices and systems by understanding the forces that act on them and determine the magnitude, speed and direction of movement. Students will follow the design and testing process to build a mousetrap car. Near the end of the nine weeks, students will compete in two types of in class competitions: (1) Fastest (races in heats) and (2) Farthest distance traveled. Students must have a "C" average or better in their Science class or Teacher recommendation.

### **Oceanography (Q)**

This course will investigate the history of ocean exploration, topographical features, water circulation, and marine life.

### **Oh, Behave! Theories of Psychology and why we act the way we do! (Q)**

Ever wonder what makes you "tick"? Why do you do things the way you do? What pushes your "buttons"? Begin to explore your behavioral nuts and bolts in this revealing elective!



### **Olympics of Science and Math (Science Olympiad) (YR)**

Students explore problem solving in science through hands-on experiences. They participate in competitions that require them to analyze a problem, synthesize a solution, and evaluate the results in real-world situations, such as egg-drops and slot cars. Invitation and teacher approval only. 7th & 8th Grade Students Only.

### **Pollution Solution (Q)**

Learn about the importance of water, the structure of the hydrosphere, human effects on water quality, and emerging fields in the water industry. Nothing can live without water-take this elective and find out everything you can about this most basic and life sustaining element.

### **Science Lab (Q)**

Students use experimentation and the scientific methods to learn about the world around them. The procedures used during a scientific investigation are studied, along with laboratory techniques to support those procedures.

### **Fun with Geology (Q)**

Were these rocks walked on by dinosaurs? Hands-on learning of rock and mineral classification and study of the geologic time scale can help you answer these questions. Develop your interest in science through this fun elective.

### **Principles of Flight (Q)**

What does it take to be a pilot? Find out in this elective, where you'll learn all about flight, aircraft, and the intricate web of air traffic control. Learn how to virtually plane and build higher-order thinking skills and sound reasoning by using Flight Simulator software.

### **Solar Race Cars I (Q)**

Research, develop, and build solar race cars. Qualifying students will have the opportunity of entering a Solar Race Car competition. **Solar Race Cars II (Q)**-*Prerequisite-Solar Race Cars I and/or nomination by the instructor*--For students interested in competition opportunities. *After school and/or weekend participation required if the team chooses to compete.*

### **Space Adventures (Q)**

Study the history and mechanics of space exploration and travel through this hands-on elective. Who knows? Someday you may be the one to get humans to Mars!

### **The Most Amazing Machine-An Owner's Guide to the Body (Anatomy) (Q)**

Do you know about your body's amazing systems-it's functions, interdependence, and diseases? How can you keep your model in great condition? Come learn about YOU in this interactive elective.

### **Thrill Ride-Physics through the Amusement Park! (Q)**

Ever wonder how those stomach-dropping rides in the theme parks are designed? In this elective, you'll have hands-on experience exploring how they work, how they're designed, and how force affects our fun!

### **Wondrous Wings (Ornithology) (Q)-**

Study the fascinating world of birds-their types, songs, and diversity. Compare and contrast features and adaptations. Migratory patterns awareness will bring in a global element. Hands-on activities, observations, and speakers will bring added dimension to this course.

## **Social Studies**

### **\*\*African American History/Studies (Q)**

This elective provides an innovative and in-depth perspective of the culture and lifestyles of African Americans. Studies include the slave trade and slavery, Reconstruction, the Civil Rights movement, current events, biographies, and personal narratives of African Americans. Literary genres, visual art, plays, and music may also be the basis of some studies. Different topics may be included in different sections of this elective.

### **American Politics-Political Awareness (Q)**

Ramp up your understanding of the gradual development and the present-day workings of the American political system. See how important the history of political rights impact your current life,

### **American Women (Q)**

This elective will trace the changing role and contributions of Women in America from the 1600's through today. A significant focus will be on women in American society since the 1920's. Students will trace the change in women's traditional roles in society from the first settlers (1607) through today. Students will identify women of major significance throughout the history of American society, with a focus on women since 1800. Students will choose one or more women with whom they can identify, and explore the impact of the women/women's achievements to their personal life.

### **Around the World in 45 Days (Q)**

Create a travel agency so that you can craft travel experiences for your customers. Don't be fooled-you and your team will need to become geographic and cultural experts in order to create successful trips for your customers, ensuring continued business. Are you up to the challenge?

### **Archaeology(Q)**

Students learn about basic archaeological processes and tools, methods of site selection, and interpretations of the professions. Discoveries from nearby digs as well as the world's famous findings are covered.

### **Civil War, The (Q)**

This course explores the cause and effects of the Civil War in greater detail than the basic curriculum and will include the study of social, cultural, and global concerns of the time.

### **Create a Nation (Q)**

Understand the 5 themes of geography and government structures by creating your own "ideal" of what a nation can be. Study nations and situations around the world to learn from others, while increasing your cultural knowledge. Human environment interaction impacts you every day-if you were given the chance, how could you make this better?

### **Famous People Up-Close (Q)**

In this course, you'll study famous people from history-but more than that-you'll analyze their characteristics! What made them famous and why? Do you agree that they should be in the history books? Analyze their character traits against our school system character traits-do they measure up? Do you have some of the same qualities? Choose and defend your choice of characters "for the history books".

### **Fabulous Sixties, The - A Decade In Review (Q)**

Students will explore a decade in American History: the turbulent 1960's. Students will examine the Kennedy administration, Vietnam War, Civil Rights movement, women's movement, and space programs. The scientific, musical, and artistic foundations laid at the time will also be addressed. Students will be actively involved as they dress as hippies, sing songs of the 60's and learn to do the twist. Student will learn about oral history and they conduct interviews with family members who grew up in the fascinating decade. Other learning activities include Internet research, drama performances, and Paideia seminars.

### **Future Problem Solving: Change the World (Q)**

Do you see "problems" in the world around you that you'd like to "fix", but don't know how? Through this elective, you'll learn how to identify a need or problem, brainstorm your own ideas, collaborate with others, and come up with a plan. Activities include creating a "toy" based on a need, to market to the community, and identifying other needs locally and globally. Strong communication skills are built while you learn how to get across your message.

### **Free Enterprise (Q)**

Learn about the business world, and create a business of your own as you learn the scope of the free enterprise system and its components.

### **Geography-Where in the World Are We? (Q)**

Learn about your place within the five themes of geography in this interactive elective. Visual arts, music, and satellite imagery help you learn about your world. Become a "global thinker" in more ways than one! Students may also acquire geography skills and knowledge by playing geography games, solving geography puzzles, and competing in classroom Geography Bees.

### **Global Conflicts (Q)**

Learn about the major global conflicts of the 20th Century. This course includes studies of WWI&II, Korean War, Vietnam War, and the Persian Gulf War.

### **Golf-A History of the Game (Q)**

In this course, you'll explore the roots of what has become one of America's favorite pastimes! Study the beginnings of the game in Scotland, discover advances in equipment and technology, and evaluate changes in golf course design. If you love this sport, or want to know more about it, this is the elective for you!

### **Heritage of Wake County (Q)**

Students will see for themselves historic landmarks of Wake County, trace Wake County's history, and use techniques of role history to interview local citizens who are "living treasures" of the capital area. Topography studied, and the unique communities of the county are introduced. Using old records and other primary sources, students find themselves face-to-face with the historical process, seeking answers to their questions in old cemeteries and in courthouse records.

### **In the Days of Knights (Q)**

Through this nine week, project based course about the Middle Ages; students will gain a more in-depth understanding of feudal society. This course will include studies of kings, knights, castles, and cathedrals.

### **It's In the News (Q)**

This elective is designed to engage students in learning about current events and how they are reported. Student will develop and interest current news items through reading newspapers, major news periodicals (Time and Newsweek), watching the news as well as keeping up with current events through on line news agencies. Students will research these events and conduct seminars concerning the events in which they will be able to voice their opinions pro and con.

### **Making the Law (Q)**

Accelerated study of how students come in contact with the U.S Constitution and the legal system. Course is hands-on, activity-oriented, and real world based. Process of law making in N.C. and the U.S. is explored.

### **Native American Cultures (Q)**

Learn about the culture of Native Americans-their history and influence within the US, and within NC. Hands-on activities are a key piece of this vibrant, engaging elective.

### **Nifty Fifties, The (Q)**

This course will highlight important events that shaped history in the 1950's. This very important decade saw the beginnings of the Civil Rights Movement and the turmoil of the Korean War and the Cold War years following World War II In the '50's we the emergence of new teen culture deeply rooted in rock and roll and coupled with new media called "television"

### **Old West, The (Q)**

This course will examine the reality of life in the Old West. Students will study westward expansion, geographical factors, and natural resources of the land. Students will examine the social climate of the time. Personal stories of the daily lives of miners, ranchers, pioneers, Native Americans, African Americans, and women will be included.

### **Passages to Other Cultures (Q)**

In this introductory course about world cultures, students learn art, music, language, customs, and social practices of .Sixties, The Fabulous – A Decade in Review Students will explore a decade in American history: the turbulent 1960's. Student will examine the Kennedy administration, Vietnam War, Civil Rights movement, women's movement, and space programs.

### **Roaring Twenties, The (Q)**

The 1920's were an exciting time in American History. With the end of World War 1, the nation experienced new confidence and energy. The Roaring 20's class will learn how North Carolina was affected by national changes through studying pictures, documents, and newspapers. This course will enhance reading and writing skills while developing new interest in NC and US history.

### **Shining a Light on the Outer Banks- Lighthouses and Coastal Wonders of North Carolina (Q)**

The Outer Banks of North Carolina are a unique and fascinating strand of life that define our state. Students will learn about the qualities of this area, the unique challenges, of our coast, the reasons for constructing our famous lighthouses, and the characteristics that define the Outer Banks. Geography, history, culture, engineering, folklore, environment, and weather aspects are just some of the subjects that will be included in the study of our amazing coasts.

### **Tar Heel Junior Historians (Q)**

The history of North Carolina with activities through the Tar Heel Junior Historians (THJH) program is the focus of this course. Students will become historians as they look at various ways to study North Carolina's history. Students participating in this class will also participate in the Quiz Bowl competitions. Class requires teacher permission.

### **US Military History (Q)**

Students examine the wars in which the United States was involved. They study the factors contributing to United States involvement and the effects of that involvement. Topics for research and discussion include battles, military schools, famous leaders, weaponry, medical techniques, technology, women, and minorities.

### **Youth and the Law: How Do Laws Affect You? (Q)**

Civil and criminal law and the court system as they relate to juveniles are studies in this course. Emphasis is placed on juvenile rights and responsibilities and the consequences of crime.

## **Health**

### **Healthful Living (Q)**

Healthful living is required for all 7th grade students at Carnage Middle School. Through a quality healthful living education program, students will learn the importance of health and physical activity and develop skills to achieve and maintain a healthy lifestyle

## **Visual Arts**

### **Advanced Design/Advanced Art (Q)**

Prerequisite: Brush Off, Drawing I, or a student portfolio. This course emphasizes the use of the principles and elements of design to achieve a strong composition. Advanced color theory includes work with tempera, watercolor marker, crayon and pastels. Students will explore the use of many drawings and printmaking materials. **Teacher Permission**

### **Brush Off, The (Painting) (Q)**

Students study color theory and experiment with the various brush strokes, control of the brush, and use of water-based paints in developing a composition. Art History is incorporated.

### **Fiber/Crafts (Q)**

Crafts of the Carolinas are introduced in this course, and the students may be involved in the making of such crafts as stitchery, appliqué, jewelry, basketry, and pottery. A study of local craftsmen is a part of this course.

### **Drawing I (Q)**

In Drawing, students experience the fascinating process of sketching on paper what they see in the mind's eye. They are instructed in a variety of drawing techniques and enjoy increasing success as their confidence develops. They work with lines, shapes, and basic principles of perspective.

### **Drawing II (Q) Drawing I, with at least a meets standard/passing grade (Q)**

In Drawing II, students are provided with an opportunity to establish depth of content and further rigor. Advanced skill with drawing pencils, pen and ink, charcoal, oil pastel, conte crayon, and multi-media will be developed throughout the course and personal artistic expression is cultivated and encouraged. Class will continue application of elements of art Line, Shape, Value and Texture found in Drawing I as well as provide links to principles of design Unity, Balance, and Contrast.

### **Printmaking (Q)**

The principles and applications of printmaking are taught with emphasis placed on positive and negative spaces. Printmaking methods may include cardboard, linoleum or wood blocks, and stencil or screening processes.

### **Mask Making (Q)**

This course is an introduction to the tradition of masks. Students will explore the superstition, power, and functions of masks in ancient and contemporary cultures. Students will design and construct masks using a variety of materials, including clay, papier mache, paper, and wire. Each project will broaden the students' concepts about masks and challenge them to create new identities.

### **Foundations of Art (Q)**

Students are encouraged to take an exploratory approach to the creative process within this course. Throughout the quarter, the class is introduced to elements of art and principles of design in relation to the gamut of Visual Art – both two and three-dimensional units. The work of different artists and the value of the creative process will be stressed. Students will have an opportunity to work with a variety of different materials and processes. This class is a great foundation for any Visual Arts course.

### **Sculpture/ Pottery (Q)**

Students use a wide variety of media such as paper, wood, clay, plaster, paper mache' cardboard, foam and plastic. Art history is incorporated and explored as well as individual expression.

## **Performing Arts**

### **Dance**

#### **Beginning Tap I/II (SM)**

Students will be taught the basics of tap technique. Music used includes current pop, clean hip-hop, Motown, Broadway, and other classics. The students will have the opportunity to continue Advanced Tap the following semester at the teacher's discretion.

#### **Advanced Tap III/IV (SM)**

Students with tap experience may sign up for Advanced Tap at the teacher's discretion. Students will continue to build on tap steps learned in Beginning Tap and will learn advanced steps including, Time-Steps, Wings, and Pull Backs.

#### **Dance Around The World (Q)**

Students learn different cultural dances from around the world. Students learn the traditional dances of each culture and complete choreography projects using the traditional dances and modern influences.

Cultures to be studied include African, Hawaiian, Indian, Mexican, Pilipino, and others. This is an excellent class for the experienced dancer looking for something different or the student that is new to dance.

### **Dance Performance/Ensemble -Yearlong**

Pre-requisite: Audition and teacher recommendation. In this course, students develop various performance techniques including stage presence, ensemble work, and understanding of the role of dance to choreographer. Opportunities are given for performance in teacher selected dance style (modern dance, ballet, jazz, and/or tap), and student choreography. Students experience the elements of production: costume design, publicity, lighting, and set design. Schools may choose to establish a performance company. **Open only to seventh and eighth grades students who have auditioned.**

### **Introductory Dance (Q)**

This is an exploratory movement class for the student who has never had a dance class. Students experience various dance forms including modern, ballet, jazz, and folk while building strength, flexibility, and coordination. This course also builds an appreciation for dance as an art form.

### **Jazz Dance (SM)**

In Jazz Dance, students are trained in the classic styles, as well as, the current dance trends. Dance students learn about dance as a form of artistic expression and fitness. Dancers are taught the correct and safe ways to move their bodies for strength and wellness. Music is current pop, clean hip-hop, Motown, and other classics. All levels of experience and ability are successfully combined and challenged through differentiated instruction and student choreography projects.

### **Ballet I (Lyrical Ballet) (SM)**

In Lyrical Ballet, students will be taught basic ballet terminology and movements fused with jazz and modern. This is not a "strict" type of ballet. There are not ballet Barres. Music used is slower, current pop, Motown, Broadway, and others. This is an emotional, beautiful type of dance. All levels of experience and ability are successfully combined and challenged through differentiated instruction and student choreography projects.

### **Modern Dance I (SM)**

In this, course students explore basic improvisation and composition as it relates to modern dance. They will also learn about the skills of the early pioneers of modern dance.

### **Music in Motion (Q)**

At last! A class that you can move around in! A class where you can make noise! A class that lets you create your own music! This course will open your mind to new possibilities for your own personal performance in dance and singing. This elective will incorporate pop music, folk music, ethnic music and students very own compositions to create unique versions of performance and style projects.



### **Swing Dance (Q)**

The learner will gain skills to enhance his or her physical, cultural, emotional, and social abilities. The learner will move towards an understanding to the extent of how the US shared in problems of WWII and will judge the significance of social, economic, and political changes since 1945 and draw conclusions about the effect on contemporary life.

### **ZUMBATOMIC DANCE (Q)**

Students will choreographic principles, structures, and processes to create dances that communicate ideas. Students will also understand how to use performance values (kinesthetic awareness, concentration, focus, and etiquette) to enhance dance performance.

## **Instrumental Music**

### **Advanced Strings (YR)**

This course is an in-depth study of varied and sophisticated music for intermediate and advanced students. Students in this course constitute a major performing group that included strings, winds and percussion.

### **Beginning Band (YR)**

Students learn to play a brass, woodwind, or percussion instrument. Emphasis is on the acquisition of basic musical skills and systematic progress rather than performance; however, band classes perform several concert compositions.

### **Beginning Strings (YR)**

This first-year instruction in strings (violin, viola, and cello) includes correct holding position, bow grip, selected major and minor scales, and rhythm studies. Appropriate musical terms, dynamic markings, and the parts and care of stringed instruments are emphasized. Beginning string classes prepare a number of concert selections, which are performed, for an audience.

### **Concert Band (YR)**

An in-depth study of varied and sophisticated music for intermediate and advanced students are the focus of this performing group. String instruments are not included in this band.

### **Guitar I and II (YR)**

Technical drills, scales studies, finger chords and sight-reading exercises are used in the teaching of this class. Performance opportunities during recital times.

### **Intermediate Band (YR)**

Technical drills, scale studies, rhythm, and sight-reading exercises are used to advance the students' skill, knowledge, and reading ability in music. A wide variety of band literature is studied to give them experience in various musical styles. Performances are presented to other groups.

### **Intermediate Strings (YR)**

Prerequisite: Beginning Strings or private lessons. At this level, students continue to master scales and technical studies. Extended ranges, shifting, and further study of good string tone and intonation are emphasized. Style and interpretation are discussed extensively. Performance opportunities with a string orchestra are a significant part of this program.

### **Jazz/Rock Band (YR)**

This course is a study of all styles of jazz and rock. Students in this course constitute a major performing group of intermediate and advanced players.

### **Percussion Ensemble (YR)**

Percussion ensemble will be offered to any interested student that has had at least one year of music training. Students must be able to read music and count simple rhythms with basic notation such as whole notes, half notes, quarter and eighth notes. Percussion ensemble uses many instruments such as snare drum, bass drum, tenor drum, marimba, xylophone, bells and assorted other instruments. Piano players will find the xylophone and bells easy to play! You do not have to purchase an instrument to take this class. Now's your chance to experience all of those percussion instruments that you have always wanted to get your hands on to beat, bang, and shake!!! This class is a semester long elective and will be offered both semesters. You can take this class both semesters, if space permits.

## **Vocal Music**

### **Concert Chorus (YR)**

This course is designed for the large performing group, whose members have a strong grasp of middle level choral music, a broadened base of performance experience, and a design to explore more advanced literature. Previous experience at the intermediate level or evidence of competency at the intermediate level is required.

### **Honors Chorus (YR)**

This course is for an auditioned group of outstanding seventh and/or eighth graders who demonstrate a high level of mastery of choral music at the middle school level and wish to continue at an accelerated rate. This group presents many performances in and outside the school system, and demonstrates excellence in choral achievement.

### **Beginning Chorus (Q)**

This semester long course is an introduction to vocal music, which provides students the opportunity to learn some skills while exploring various musical sources and styles. Much emphasis is placed on providing a positive musical experience to students through class activities.

### **Vocal Exploration (YR)**

This course is a quarter long introduction to vocal music. It provides students to explore the possibilities of vocal music while exploring various musical sources and styles.

## **Drama**

### **Acting I (Q)**

This course is designed to introduce students to the fundamentals of acting. Students will explore characters and situations through the use of theater games and improvisational exercises, pantomime and oral interpretation. They will also explore the historical development of the actor's art. Pre-requisite: Introduction to Theatre or Drama Teacher's Approval.

### **Acting II (Q)**

Prerequisite: Acting I. This course offers students a chance to develop acting skills at a more advanced level. Students are challenged to become disciplined in acting techniques and to go beyond the classroom to independently develop a working knowledge of acting.

### **Costumes, Makeup, Props, Publicity, Stage Management (Q)**

Students learn to design and construct costumes, makeup and props. Students also learn the ins and outs of stage management and publicity for the theatre. Students are encouraged to participate in the productions of the Carnage Players.

### **Drama Production-Best of Broadway (Q)**

Drama Production is an intensive study of the art of acting. Students will also look at other aspects involved in the production process of theater such as stage management, student directing.

### **Introduction to Theatre (Q)**

This course is designed to introduce students to the world of the theatre. The student will learn about some of the history of the theatre as well as study various acting styles and techniques. Course experiences include an overview of dramatic techniques and explorations in the areas of pantomime, dialogue, monologue, improvisation, voice/diction, and roleplaying, as well as makeup, costume design, set design and construction and lighting.

### **Technical Theatre (Q)**

In this course, students conduct an intensive study of the technical processes necessary for theatre productions, including make-up, costume design, set design and construction, lighting, script analysis, casting, and directing. An after-school practicum is an important aspect of this course. Students use their studies to design present actual productions.

### **Stagehand Studio (Q)**

A class designed for students who are interested in designing and constructing sets, lights and sound. An after-school practicum is an important aspect of this course. Students use their studies to design present actual productions.

## **Foreign Language**

**All Foreign Language classes are yearlong.**

### **Level I French or Spanish (YR)**

Students will gain a basic knowledge of the target language through the acquisition of beginning listening, speaking, reading, and writing skills. Cultural topics will also be explored. Activities such as field trips, skits, films, and projects are used to enhance the learning experience.

### **Level II French or Spanish (YR)**

Upon successful completion of Level I and/or recommendation of the teacher, students will advance to Level II for a more in-depth understanding of the target language. Expanded vocabulary (relevant to students' interests) and more sophisticated grammar concepts will lead to a deeper command and appreciation of the target language. On completion, rising 8th grade students may be eligible for middle school Level III; graduating 8th grade students may be able to enroll in high school Level II. (Two years of middle school foreign language are equivalent to one year high school foreign language.)

### **Level III French or Spanish (YR)**

Upon successful completion of Level II and/or recommendation of the teacher, students' progress to continue building on previously learned skills. Students at this level will be prepared to enter and excel at the high school Level II. In certain circumstances, students will be able to enroll in high school Level III.

## **Physical Education**

### **Personal Fitness (Q)**

This course is designed for students interested in an overall fitness program. Components of the President's Physical Fitness Test are incorporated.

### **Frisbee Games 9001CBI (Q)**

Learn the skill of individual and team games and proper Frisbee throwing techniques.

### **Sports Variety (Q)**

Three-week units of basketball, flag football, softball, volleyball, or soccer.

### **WORLD GAMES (Q)**

Students will participate in a wide variety of games different countries. All games will be age appropriate and can be modified due to skill level of class. These games develop global awareness for students and gives understanding of what students from other countries do in PE class or just for recreation. History of cultural games will be and introduction for each game played so that students get an understanding of where and how games were developed.