



North Cobb School for International Studies

Freshman Elective Registration

Welcome, Future Warriors!

Our students take a total of 8 courses per year. Magnet freshmen will take at least 6 required courses (Math, Biology, Magnet Lit, AP Human Geography, Leadership/Government, and one world language course).

That leaves room for 2 more electives (one per semester). Some students will fill these electives with music classes; some may fill them with a second world language and one more elective. **Most students will take Magnet Personal Fitness and Health along with one elective.**

WORLD LANGUAGES

All incoming magnet students are expected to take at least one world language course their freshman year. Students with language credit from middle school will enter at level 2. If a student's language skills exceed level 2, placement will be adjusted at the start of the school year.

American Sign Lang	French	Japanese	Portuguese
Chinese	German	Latin	Spanish

PERSONAL FITNESS/HEALTH

All magnet freshmen are expected to take Magnet Health / Pers Fit, unless enrolled both semesters in music, Languages, or ROTC.

Health/Personal Fitness

A graduation requirement. Health focuses on preventive health strategies. Fitness helps students understand importance of fitness and exercise.

Choose FOUR more:

Select four additional electives (not including your first world language OR your core academics) from the course descriptions provided—two primary choices and two alternates. If you are taking the same course both semesters (for ex., band), that will count as two choices.

FINE ARTS/MUSIC

Band (may be taken both semesters)

This course focuses on fundamental playing skills with an emphasis on scales, rhythm, and tone production. **Previous band experience required.**

Orchestra (may be taken both semesters)

Students will concentrate on developing proper technique on their individual instruments and improving skills for ensemble performances. **Previous orchestra experience required.**

Chorus (may be taken both semesters)

Previous choral experience preferred but not required. Performance that focuses on basic fundamentals of tone production, music reading, and part singing.

FINE ARTS/MUSIC

Visual Arts: Comprehensive Art

Introduces art history, criticism & studio production. It emphasizes the ability to understand & use the elements of art & principles of design through a variety of media processes and visual resources.

Visual Arts: Advanced (requires VA Comp from Middle School):

VA: Drawing

VA: Drawing & Painting

VA: Sculpture

VA: Photography

Drama – Theatre Fundamentals I

Introduces advanced acting process. Stresses developing imagination, observation, concentration powers and self-discipline. Includes developing physical and vocal control while transmitting emotions, conviction and ideas; enhances self-confidence and self-awareness. Focuses on scene study.

ACADEMIC ELECTIVES

SCIENCE

*(All science electives must be taken
spring semester.)*

Honors Genetics

A systematic approach to the study of heredity mechanisms of cellular reproduction, the genetic materials, Mendelian hereditary principles, human genetics and diseases, how protein are made, and biotechnology.

Honors Intro to Bio Tech

Introduces students to the fundamentals of biotechnology.

Honors Human Anatomy & Physiology

Designed to give the student an overview of the structures and functions of the major systems of the human body. A rigorous course intended for students interested in pursuing a career in various medical fields and physical education.

MATH ELECTIVES

(Certain Situations Only)

Students wishing to accelerate math may choose an additional math course as an elective. Please speak with one of our magnet staff at registration about this option.

SOCIAL STUDIES

Psychology

Designed to introduce a general overview of the principles and concepts of psychology, including learning theory, perception, intellectual, and social development, abnormal behavior, and interpersonal relationships. The purpose of this course is to provide students with a better understanding of the dynamics that shape our own behaviors as well as the behaviors of others.

Sociology

Study of human society and social behavior. The purpose of the course is to provide students with a basic understanding of how humanity is shaped largely by the groups to which people belong and by the social interaction that take place within those groups. Societal problems in the United States will also be discussed.

Ethnic Studies

Course is intended to make students more aware of their role in society. Students study the role and behavior of various ethnic, religious, racial, and gender groups and how these groups interact to form our diverse, pluralistic society. The objective of the course is to encourage a higher degree of objectivity, tolerance, awareness and understanding for one's own heritage as well as the heritage of others who make up our society.

CAREER/TECHNICAL PATHWAYS

Below are the CTAE pathways students may begin as freshmen. Many more are available starting in 10th grade.

Course titles are in bold print.

SPORTS & ENTERTAINMENT MARKETING

In **Marketing Principles**, students develop an understanding of basic marketing concepts to marketing, distribution and logistics, marketing information management, product/service planning, pricing mixes promotional strategies, and personal selling.

COMPUTER PROGRAMMING & COMPUTER SCIENCE

Introduction to Digital Technology will develop basic skills in the area of information technology such as software and hardware, networking, the Internet, and basic concepts of web design and programming.

ARCHITECTURE & ENGINEERING

Introduction to Drafting and Design will introduce drafting media, sketching, lettering, and the fundamentals of CAD and multi-view drawings.

ENGINEERING/TECHNOLOGY

Students in **Foundations of Engineering & Technology** develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation. This course is part of the STEM (Science, Technology, Engineering, Math) pathway.

SPORTS MEDICINE

Introduction to Healthcare Science is designed to introduce students to the fields of sports medicine and athletic training. Topics will include prevention, recognition, first aid, referral and rehabilitation of athletic injuries.

NJROTC

May be taken both semesters. NJROTC includes the study of naval heritage, organization, sea power and naval history from colonial times to the 1850's, the study of naval ship missions and organization, an introduction to navigation and maritime geography, basic seamanship including rig and shipboard watch procedures, military drill with rifles, and physical development. Navy leadership principles will be applied to drills and unit organizational duties. An introduction to naval physical fitness and related health topics are covered. This is the first course in the Navy Career Pathway. **Students taking three units of ROTC are except from the Health and Personal Fitness requirement.**

EARLY CHILDHOOD EDUCATION

Early Childhood Education I addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. Topics that may be addressed include principles of physical, emotional, social, intellectual, and moral development; ages and stages of childhood; prenatal development; impacts of heredity and home and community environments; roles, responsibilities, and challenges of parenthood.

BUSINESS AND TECHNOLOGY

Introduction to Business Technology: Provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills through required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society.



2019-20 NCHS MAGNET 9TH GRADE ELECTIVE REGISTRATION



Student Name: _____

Middle School: _____ Gifted? (Y/N) _____

CCSD ID # _____

Name of Your 8th Grade Counselor _____

NON-CCSD: Please name your school AND your 8th grade math teacher: _____ / _____

Fill in schedule items 1-4 below:

Social Studies 1	AP Human Geography
Social Studies 2	Magnet Leadership/Hon. American Government (both 1/2 unit courses)
English	Magnet 9th Grade Literature
Science	Magnet H. Biology
World Language	1
Math	2
Elective 1	3
Health and Personal Fitness	If you want to take a 2nd fine art or language, <i>instead of health/PF</i> , indicate here:

Fill in three alternate electives below (in order of preference)

1	
2	
3	

Student Signature: _____

Parent Signature: _____