



Math and Science Magnet



Science Electives

(Some electives are offered on alternate years)

- Intro to Research Methods
- Microbiology
- Organic Chemistry
- Astronomy
- Botany
- Engineering
- Human Anatomy
- Forensic Science
- Advanced Research Methods
- Math of Industry & Government
- Healthcare Science Pathway (Intro to Healthcare Science, Essentials of Healthcare, Allied Health & Medicine)
- AP Psychology
- AP Physics 1&2
- AP Physics C
- AP Biology
- AP Environmental Science
- AP Chemistry
- Dual Enrolled Science Course
- Self-Directed TAG internship
- Mentorship or Work-Based Learning
- Internship with STEM focus

Math Electives

- Math of Finance
- Math of Industry and Government
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Micro Economics
- Georgia Tech College Calculus 2 and 3
- Dual Enrolled Math Course
- Computer Science Pathway:
- Self-Directed TAG internship
- Mentorship or Work-Based Learning
- Internship with Math focus

North Springs is proud to have been identified as an AP Honor School and AP STEM school for high student participation and success in AP courses in Science, Technology, Engineering and Math for six consecutive years!

Our Mission

To inspire a lasting depth of knowledge in math and science through logic, research and applications.

Math and Science Magnet Program

If you like to work with numbers, problem solve from a mathematical point of view, learn about science, conduct experiments, engage in scientific research or do mathematical modeling you will find the Math and Science Magnet program offers many opportunities to pursue your passions.

Students in the magnet program take 4 additional math and science electives over four years, creating a transcript that shows depth and rigor. They are also involved in many fun and challenging STEM-related clubs and activities. Students must apply to the Math and Science Magnet program via our online application and have and maintain an 85 GPA in math and science classes. Students may focus their elective classes in mathematics or science or both.

Magnet Seal Diploma Requirements

8 High School credits (4 in math, 4 in science) are required for graduation. Magnet students take 4 additional math and science electives to earn a total of 12 math and science credits. At graduation, you will receive a distinguished (gold) magnet seal diploma if:

- 4 of the 12 math and science credits earned are Advanced Placement (AP) Math or Science Courses
- You have participated in at least 2 math or science competitions
- You have created a digital portfolio by maintaining a flash drive with all major math and science papers, presentations and projects

Extra-Curricular Math and Science Opportunities

Science Fair, Science Bowl, Science Olympiad, Math Team, COMAP- global math modeling competition, Computer Club, National Science Honor Society, Governor's Honors, HOSA- national student organization for Future Health Care Professionals, the Deconstruction Challenge, National Math Honor Society, Sandy Springs Education Force STEM Event- hosted annually at NSCHS,



NSCHS Laser Sharks demonstrate their award-winning Deconstruction Challenge creation at the SSEF STEM event