



# TRIAD MATH AND SCIENCE ACADEMY HIGH SCHOOL

School Profile: 2023-24

[www.tmsatriad.org](http://www.tmsatriad.org)  
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Total Enrollment (9-12): 389  
Senior Class: 81  
Demographics:  
5.54% Asian,  
42.22% African-American,  
33.51% Hispanic,  
7.65% Multi-racial,  
11.08% White.

74.23 % of our students are economically disadvantaged.

Counselor Caseload: 200 to 1

**Memberships:**  
-National Association of College Admission Counseling (NACAC)  
-Southern Association for College Admission Counseling (SACAC)

## OVERVIEW

Offering a rigorous college-preparatory curriculum with a strong emphasis in math and science, Triad Math and Science Academy will graduate students prepared for enrollment in competitive universities, utilizing a variety of instructional opportunities such as AP courses, Honors courses, Pre-AP courses, Project Lead the Way, and Career Technical Education courses. Additional course offerings are available via the NC Virtual Public School and dual enrollment courses through local community colleges and universities. We consider AP and dual enrollment courses to be equally rigorous and are weighted accordingly. Dual Enrollment courses are distinguished by the weight and the course title is capitalized. PreAP and Honors are equally rigorous as well. High school students enroll in 8 courses per year on a year round A/B day schedule. Students are ranked based on their weighted gpa.

## ATHLETICS, ACADEMIC TEAMS & STUDENT ORGANIZATIONS

At TMSA, it is our mission to use athletics to aid in academic, social, and physical development of our students through promotion of teamwork and sportsmanship through interscholastic athletics. Our high school is a member of the NCHSAA as a part of the Central Tar Heel 1A Conference. Our school offers the following sports: Baseball, softball, Basketball (Men's and Women's), Cross Country (Men's and Women's), cheerleading, Soccer (Men's and Women's), Track & Field (Men's and women's) and women Volleyball.

High school students are offered the opportunity to join student organizations such as Student Council, College Leadership Program (CLP), Robotics, National Honors Society, and many more.

Students are provided multiple opportunities to compete in national competitions in a number of subject areas. Notable academic teams include: Science Olympiad, FTC and VEX Robotics, Math Olympiad, and Battle of Books.

Average SAT score: 1095

Average ACT score: 16



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## Graduation Requirements: 24 Credits

<b>Mathematics</b>	4 credits (Math I, II, III, and 4th to align with a student's plans) Standard, Honors, Dual Enrollment, and AP level
<b>Science</b>	3 credits (Biology, a Physical Science, and Environmental Science) Standard (Physical Science only), Honors, Dual Enrollment, and AP level
<b>English</b>	4 credits (English I, II, III, IV) All courses are PreAP, Honors, Dual Enrollment and AP
<b>Social Studies</b>	4 credits (World, American, Civic Literacy, and a Economics and personal finance) Standard, Honors, Dual Enrollment, and AP level
<b>World Languages</b>	2 credits
<b>Health and PE</b>	1 credit
<b>Electives</b>	6 credits

Course Weights	AP/Dual/PLTW Engineering	Honors/PreAP	Standard
<b>A (90-100)</b>	5.0	4.5	4.0
<b>B (80-89)</b>	4.0	3.5	3.0
<b>C (70-79)</b>	3.0	2.5	2.0
<b>D (60-69)</b>	2.0	1.5	1.0
<b>F (0-59)</b>	0	0	0

## 17 AP Courses (AP Capstone diploma is offered)

AP Language and Composition

AP Biology

AP Seminar

AP United States History

AP Calculus AB

AP Research

AP Government and Politics

AP Computer Science Principles

AP Psychology

AP Environmental Science

AP European History

AP World History

AP 2D Art and Design