MATH & SCIENCE MAGNET PROGRAM

Welcome & Introduction

PROGRAM LEADERSHIP

Kevin S. Doyle, Ed. D.

- District Supervisor of Instruction – Science
- Coordinator of the Magnet Program

MSM

Math and Science Magnet Program

at Morris Hills Regional District

Curriculum Structure

Coursework Overview

Foundation & Credits

155 Credits

- 4 year sequence & Brochure

Advanced STEM Focus

- **AP Physics 1**
- **1 additional AP Science**
- **1 additional AP Math**

Humanities & Electives

At least two Honors/AP level courses outside of Math & Science

Advanced Research

- **Research Based Analysis**
- **AP Capstone**

MATH & SCIENCE MAGNET PROGRAM

Math Placement Test

Automatic Enrollment

Accepted students are automatically enrolled in Geometry Honors and Algebra II Honors.

Geometry Placement Test

Students currently taking Geometry in middle school can sign up for our placement test in Geometry to place out of the course.

Freshman Requirement

Regardless of middle school math courses taken, all freshmen in the Math & Science Magnet Program will take Algebra II.

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MATH & SCIENCE MAGNET PROGRAM

Graduation Benefits

CREDIT REQUIREMENT

15 Additional

Credits

- Earned beyond standard high school graduation requirements

RESEARCH & DEFENSE

Capstone Diploma

- Academic Thesis
- Oral Defense



MATH & SCIENCE MAGNET PROGRAM

Student Success • Class of 2026

SAT SCORES

1436 Overall Average

Math: **738** | Reading & Writing: **698**

ACT SCORES

30 Overall Composite Average

Consistent high performance across all testing batteries

GRADE POINT AVERAGE

100.68 Weighted Average

Rigorous honors and advanced placement curriculum



MATH & SCIENCE MAGNET PROGRAM

College Acceptances • Class of 2026

SCHOLARSHIP FUNDING

$20.4M+ Total Earned

Earned in scholarship money by Class of 2026 graduates

AVERAGE PER STUDENT

$357,000+ Average Award

Average scholarship award calculated across 37 students

INSTITUTIONAL ACCEPTANCES

105 Colleges & Universities

"They love the research!" — Four-year admissions success



MATH & SCIENCE MAGNET PROGRAM

Student Body • Demographics

ENROLLMENT & DISTRIBUTION

222 Total Students

Across 4 graduating classes (Grades 9–12)

PROGRAM SECTIONS

10 Active Sections

Course sections distributed across magnet program lo

MAGNET LOCATIONS

2 High Schools

Morris Hills High School & Morris Knolls High School



MATH & SCIENCE MAGNET PROGRAM

AP Capstone • Program Overview

GLOBAL & REGIONAL REACH

1,500+ Schools Worldwide

Recognized by 164+ colleges & universities • 44 schools in NJ

CORE COURSEWORK

AP Seminar & AP Research

Two-year foundational sequence focusing on inquiry & research

CREDENTIALS & RECOGNITION

AP Certificate & AP Diploma

Prestigious academic awards demonstrating advanced college readiness

AP Capstone™

College Board Program

AP Capstone™ is an innovative diploma program that equips students with the independent research, collaborative teamwork, and communication skills valued by colleges.

- AP Seminar (Year 1)
- AP Research (Year 2)