

The Math & Science Academy exists to provide students opportunities to advance through a specialized series of courses to prepare them for careers in math and science fields. Emphasis is placed on the significance of math and science in a modern society propelled by daily technological innovation. Through the power of math and science, solutions to the world's innumerable problems can be devised, ranging from rapid climate change with environmental science to building the most profitable, sustainable business with calculus.

Innovation · Logic · Experimentation

Why the Math and Science Academy?

- Upper-level Science Courses
- Upper-level Math Courses
- Innovative & challenging career focused courses
- Instructors that are passionate about their subject
- Instructors that have field experience
- Internship Opportunities*
- Project based learning

*Student must complete competitive application process to enroll

Program Requirements/ Expectations

- Complete at least 11 credits through a combination of math and science courses (can be five math/six science or six math/five science) inclusive of Calculus AB or BC.
- Must take Pre-AP, AP, Honors or Dual Credit math and science courses all four years
- Complete 100 hours of community service while enrolled in the Academy
 - Total of 25 hours per school year as approved by the Academy Coordinator
- Must maintain a 75 or higher in all academy specific courses
- Must maintain a 70 or higher in all other courses.
- Must participate in at least one enrichment activity per grading period as outlined by the Academy Coordinator
- Must complete at graduation project as outlined by the Academy Coordinator

Enrichment Opportunities

- Guest speakers from math and/or science corporations at monthly student meetings.
- Day of Discovery with the University of Houston's College of Natural Sciences and Mathematics
- Tours of local math and science businesses

Math and Science Academy Aligned Extra-Curricular Programs

Clubs/Organizations

- Academic Decathlon
- Academy Officers
- Chess Club
- Computer Science Club
- Medical Club
- Mu Alpha Theta
- National Honor Society
- National Science Bowl Club
- Robotics Club
- Science National Honor Society
- Science Olympiad
- SciNow Club
- Youth Expanding Service (Y.E.S.)*

*Required by Math and Science Academy

UIL/Academic Events

STATE CHAMPIONS IN:

- Calculator Applications
- Computer Applications
- Computer Science
- Mathematics
- Number Sense
- Science

Application Process and Criterion

- Submit online application @ <https://secure.fortbendisid.com/academyapp>
- Completion of Algebra I prior to the start of the ninth grade year is recommended
- Successful completion of all parts of the 7th grade STAAR exam is required
- 7th and 8th grade semester grades in math, science, ELA and social studies will be reviewed
- Math entrance exam score will be reviewed
- Final acceptance is contingent upon successful completion of all eighth grade courses during the regular school year and all parts of the eighth grade STAAR exam

