

Anne Arundel County Public Schools Magnet Program Information

Magnet Program— an educational program with a specialized course of study or an emphasis on instruction that is different from the traditional curriculum offered in Anne Arundel County Public Schools.

Science, Technology, Engineering, & Mathematics STEM High School Program

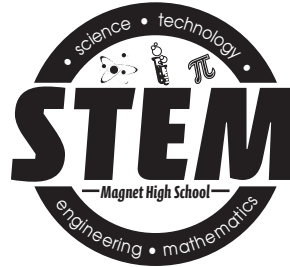
The STEM Magnet program offers a rigorous problem/project-based educational choice for motivated and academically able students interested in a relevant and hands-on education focused on the STEM fields of science, technology, engineering, and math. Located at North County and South River High Schools, this program is designed to engage students in an exciting, technology-rich learning environment where they will develop strong STEM research and critical thinking skills, self-direction, and an understanding of their social responsibility to prepare for the 21st century world beyond the classroom.

Through partnerships with local colleges and universities and STEM professionals, students in the STEM Magnet Program will explore STEM careers, collaborate and innovate in project-based learning courses, and participate in a significant STEM internship prior to graduation.

For more information about the program, visit www.aacps.org/stem

or contact:

Tina Gillmeister
STEM Coordinator
410-222-5391 x1



2016 STEM Information Sessions

Informational sessions will be held
at the following schools:

North County High School .. October 27
6:15–8:15 p.m.

South River High School .. October 5
6:30–8:00 p.m.

Where do students in this Magnet Program attend school?

If your home middle school is:

Annapolis Middle
Bates Middle
Central Middle
Crofton Middle
Magothy Middle
Severn River Middle
Saverna Park Middle
Southern Middle

Your STEM Magnet school is

South River High School

If your home middle school is:

Arundel Middle
Brooklyn Park Middle
Chesapeake Bay Middle
Corkran Middle
George Fox Middle
Lindale Middle
MacArthur Middle
Marley Middle
Meade Middle
Old Mill Middle North
Old Mill Middle South

Your STEM Magnet school is

North County High School

What are the requirements for selection into the program?

The student shall:

- have an interest in participating in and be committed to the four-year Magnet Program sequence in high school.
- have good academic standing and attendance.
- successfully complete the online magnet application form and Challenge Interview (Pathway II applicants and all non-aacps students, only).
- meet the requirements of one of the application pathways:

Pathway I

- a. A minimum of a “B” average (3.0 average) in grade 7—no more than one C in the core subjects
- b. Current enrollment in, or successful completion of Algebra I with a B or better
- c. Current enrollment in or successful completion of Level 1 of a world language with a C or better, or ESOL with a proficiency level of 3 or better

Pathway II

- a. A minimum of a “mid-C” average (2.5 average) in grade 7—no Ds or Es in core subjects
- b. Current enrollment in Algebra I with a C or better, or successful completion of STEMath 8 with a A or better.
- c. Current enrollment in a, or successful completion of Level I of a world language or ESOL with a proficiency level of 3 or better
- d. An average rubric score of a 7 or better on the Challenge Interview
- e. Two letters of recommendation (an email link will be provided to the Letter of Recommendation form)
 - one from a teacher familiar with student’s current academic progress in mathematics
 - one from a counselor, coach, or other non-relative community member

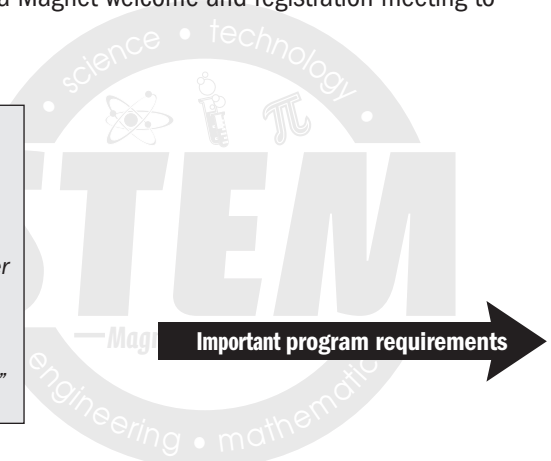
How do students apply to the program?

- 1 Complete the Online Magnet Application by noon on November 30, 2016.**
Please print a copy of your application for your records. Non-AACPS students must upload all additional materials by the deadline in order for the application to be considered complete and on-time. **Application opens September 30, 2016.**
- 2 Sign-up Online for a Magnet Challenge Interview by noon on Wednesday, December 9, 2016** (if you are a Pathway II applicant or non-aacps student) using the magnet application website. You **will not** be able to sign up for an interview after the deadline. Available session dates are included in the online magnet application.
- 3** You will receive acknowledgement of your application and interview along with instructions for completing any additional requirements by email. All correspondence and notifications will occur through the *Primary Email Address*. If you need assistance, please contact your school counselor.
- 4 Participate in a Magnet Challenge Interview, if required.**
Complete instructions will be available online at www.aacps.org/magnet. **Registration for and participation in a Challenge Interview does not guarantee eligibility for the program.**
- 5** Following applicant selection, students will be notified of a decision **by late January, 2017**. **No decision will be made until late January.** (If the number of eligible students exceeds the number of seats available, a random lottery selection will occur.)
- 6** Acceptance of placement offers must be made online. Once offered a seat, **families have ten calendar days to accept or decline. If there is no response, an automatic decline will be recorded on the 11th day.**
- 7** Successful applicants will be required to attend a Magnet welcome and registration meeting to be announced at a later date.

How to calculate your 7th grade course average:

Look at your final report card from Grade 7.
Assign a number to **each** Final letter grade.

A= 4	Add up all numbers and then divide by the number of classes. Round to one decimal place. This number is your course average for 7th grade. To see an example of how we calculate a sample 7th grade-course average, go to www.aacps.org/magnet and click on "Calculating your 7 th Grade Course Average."
B= 3	
C= 2	
D= 1	
E= 0	



AACPS · Magnet Program Application Information Sheet—Conditions of Attendance

In order to participate in an Anne Arundel County School Magnet School Program, students and their parents or guardians must understand and agree to the following:

The Application Process & Deadlines

- All information submitted with the application will be maintained in confidence by all members of the screening committee.
- All programs are contingent on fiscal approval of the budget year for which you are applying.
- If the number of eligible students exceeds the number of seats available, a **computerized random lottery selection will occur** for eligible applicants.
- **Eligible applications submitted after the deadline will be wait-listed** in the order they are received. Students will be contacted in the spring, if space is available.

Transportation

- **Bus stops will be consolidated and may not be located within ordinary walking distances.** Almost all consolidated bus stops will be at local elementary schools, middle schools, or libraries. Parent/guardians will be required to transport students to the consolidated bus stop or to the Magnet School. (Exception: CAT North/CAT South students will be picked up from and returned to their home school within the regular school day). Note: A list of consolidated stops is published by the Division of Transportation each August.

Student Expectations

- AACPS Magnet Programs are rigorous programs of study. Student **must meet high standards** of academic achievement.
- If a student withdraws from the program, or is not successful in the program, **he or she will return to his or her home school.** Out-of-Area requests to remain at the school once exited from the Magnet will not be considered. Upon accepting a seat it is understood that an annual commitment is expected—three years in Middle School and four years in High School.

Parent Involvement

- **Students and their parents will be required to participate** in occasional evening and weekend Magnet events/performance associated with their Magnet Program during the school year.

For all Middle School Applicants...

- Acceptance and participation in a middle school Magnet program **does not guarantee placement** in the corresponding high school Magnet program.

For PVA Middle School Applicants...

- Participation in a three day Summer Bridge program, Monthly Arts Experiences (offered on evenings and weekends), and Performance Plus sessions (a weekly extended day session with co-curricular participation) throughout the school year are requirements of being enrolled in the PVA Magnet Program.

For STEM Middle School Applicants...

- Participation in a summer STEM overnight experience and STEM Saturdays sessions (approximately one per month) throughout the school year are requirements of being enrolled in these Magnet Programs.

For all High School Applicants...

- Students accepted into a program must complete 8th grade with a C average (2.5 GPA) in order to enter the program in the fall. (See CAT Magnet booklet for specific Pathway GPA requirements.)
- Successful completion of, and/or receiving credit for Level I of one of the destination school's languages is required for fall Magnet program entrance

For BMAH & STEM

High School Applicants...

- Participation in two-week summer bridge programs, summer reading assignments, job shadowing, research, group/team projects and assignments and internship opportunities are requirements of being enrolled in these Magnet Programs.
- Successful completion of, and receiving credit for, Algebra I with a C or better, or STEMath 8 with a A, is required for fall Magnet program entrance.
- Successful completion of, and receiving credit for, Level I of a World Language is required for fall Magnet program entrance.

For all IB High School Applicants...

- Successful completion of, and receiving credit for, Algebra I with a C or better, or STEMath 8 with a B or better, is required for fall Magnet program entrance.
- Successful completion of, and receiving credit for, Level I of a one of the destination school's languages is required for fall Magnet program entrance.

For PVA High School Applicants...

- Participation in a three day Summer Bridge program, a minimum of 90 hours per year of Extended Day Instruction within the school year (offered from 2:30-4:30 pm) and interdisciplinary arts experiences (evening and weekends possible) are requirements of being enrolled in the PVA Magnet Program.

To remain in a Magnet Program...

- Middle School students must maintain grades of B or above in all subject areas, with two Cs allowable per marking period.
- High School students must maintain a 2.8 or higher GPA through all 4 years of high school.
- CAT students must maintain a 3.0 GPA in a Level I magnet course to be considered for a Level 2 course.
- All students must have appropriate behavior and attendance.



George Arlotto, Ed.D.,
Superintendent of Schools

Anne Arundel County Public Schools prohibits discrimination in matters affecting employment or in providing access to programs on the basis of actual or perceived race, color, religion, national origin, sex, age, marital status, sexual orientation, genetic information, gender identity, or disability.

For more information, contact: Anne Arundel County Public Schools, Division of Human Resources, 2644 Riva Road, Annapolis, MD 21401. 410-222-5286 TDD 410-222-5000. www.aacps.org