

The Mission

of the Academies of Loudoun is to empower students to **explore, research, collaborate, innovate**, and to make meaningful contributions to the world in the fields of **science, technology, engineering, and mathematics.**

- Academy of Engineering & Technology (**AET**)
- Academy of Science (**AOS**)
- Monroe Advanced Technical Academy (**MATA**)



Academy of Engineering & Technology (AET)

Students apply in 8th grade

The **Academy of Engineering & Technology (AET)** curriculum strives to provide advanced academic STEM (Science, Technology, Engineering and Mathematics) pathways for students to engage in the study of

- Engineering
- Entrepreneurship
- Information Technology

All **AET** courses are honors level or above. Courses are “weighted” by adding 0.5 to the point value for the grade. AET AP and Dual Enrollment courses are weighted at 1.0



Academy of Science (AOS)

(Students apply in 8th grade)

The **Academy of Science (AOS)** curriculum strives to provide students the opportunity to deeply engage in **mathematics, science, and research** and to promote creativity and innovation through problem solving and collaboration.

All **AOS** courses are honors level courses and are “weighted” by adding 0.5 to the point value for the grade. AOS AP and Dual Enrollment courses are weighted at 1.0



AOS is a 4-year program

2021-2022 Admissions Criteria

Admission Criteria

- *All applicants:*
- Enrolled in Algebra I or above at the time of application
- Writing Assessment
- STEM Thinking Skills Assessment
- Final grade of C or above in math and science courses in grades 6 and 7 and semester 1 of grade 8

2021-2022 Fall Admission Cycle Timeline

- **August 18, 2021** – Fall admissions window opens for Academies of Loudoun Fall 2022 admissions (for AET and AOS programs).
- **October 22, 2021** - Fall admissions window closes at 12:00 p.m. (noon)
- **November 6th or 13th, 2021** – Testing Sessions- STEM Thinking Skills Assessment and Writing Prompt (Transportation is available by registration)
- **Late March 2022** – Admission offers will be posted in admissions portal
- **Late March-May 2022** - Students must accept or decline all admissions offers

Fall Admissions Information Sessions

Fall Admissions Information Sessions

We will hold the following **In Person** Fall admissions information **sessions** (for interested AET/AOS applicants):

Date	Location	Time
August 23, 2021	Blue Ridge Middle School	6:30 – 7:30 p.m.
September 15, 2021	Sterling Middle School	6:30 – 7:30 p.m.
September 25, 2021	Brambleton Middle School	10:00 - 11:00 a.m.
October 7, 2021	Smart's Mill Middle School	6:30 - 7:30 p.m.

Additionally, a recording of a Fall admissions information session will be posted on the admissions and outreach website in the coming days.

Target audience: 8th grade students and families