



# The Math-Science Department at ASFA

## The Math/Science Department at ASFA

The focus in every class in the Mathematics and Science Program at the Alabama School of Fine Arts is hands-on, technology-based teaching and learning. Each major course is taught at an honors level and leads, when appropriate, to Advanced Placement examinations. Every student is required to take honors courses in biology, chemistry, physics, the full mathematics sequence through AP Calculus BC and Differential Equations, and the Computer Science Principles. Many students choose to take AP courses in other academic subjects as well. Every senior is required to develop a research project in mathematics, science, engineering, or computer science. The senior student will gain research experience in a laboratory, compose a research paper on their data collection and findings, and make an oral presentation on their research in an adjudicated symposium.

## Profile of a Successful Math/Science Student

- Has a natural curiosity and interest in learning
- Has exceptional ability in math and/or science
- Is truly passionate about math and science
- Actively participates in classes on a daily basis
- Works effectively in groups, as well as independently
- Is willing to dedicate the time to be successful in an accelerated math/science program
- Is involved in departmental and school-wide activities outside the classroom
- Is respectful and appreciative of, and concerned about, fellow ASFA students
- Is of high character and acts as a role model for other students
- Is reliable, honest, and demonstrates leadership qualities

## Application Procedure

To apply to the Math/Science Department at ASFA, you must be a rising 7th–11th grader. There are limited openings in 10th and 11th grade.

To complete an application, you must follow and complete STEPS 1, 2, & 3 as outlined on the school's website. If you are reading this document, you should have already completed STEPS 1 & 2. This document instructs you how to complete STEP 3: *Complete & Submit Pre-Audition Requirements*.

**Application Deadline: You must complete STEPS 1, 2, & 3 and ASFA must receive all required materials by January 31, 2025.**

### **STEP 3: Complete & Submit Pre-Audition Requirements**

**Student Essays:** You have already filled out this form in STEP 1, so it is already a part of your full application.

**Student History Form:** You have already filled out this form in STEP 1, so it is already a part of your full application.

**IMPORTANT:** The two pre-audition requirements here in STEP 3, along with the information you completed in STEPS 1 & 2 will be reviewed to determine if you will be invited for a live, on-campus audition on March 15, 2025. If you want to learn about the live, on-campus audition requirements, you may continue to read into the next section.

### **Live, On-Campus Audition Requirements**

If your application is selected for the live, on-campus audition, you will be required to come to ASFA on **March 15, 2025** to take the ACT Sample Test Booklet for the Math, Reading, and Science sections. Students also will participate in a 45-minute group interview. **Attendance is mandatory.** Failure to attend will result in non-admission. If you are unable to attend, please contact Katie Gordon by email or call 205.252.9241 ext. 2249, no later than March 7<sup>th</sup> to request alternative arrangements. The faculty's review of your fully completed application, interview, and test scores will determine if a student will be accepted to enter the program and enroll for the next school year.

We strongly recommend that all students coming into our program attend our summer enrichment program. **Please note that this summer program does carry a fee.**

#### **Any information submitted by mail should be sent to:**

Katie Gordon  
Alabama School of Fine Arts  
1800 Rev Abraham Woods, Jr. Blvd.  
Birmingham, AL 35203

#### **For questions about your application contact**

Katie Gordon  
205.252.9241  
Email: [kgordon@asfa.k12.al.us](mailto:kgordon@asfa.k12.al.us)

#### **For questions about specific audition requirements contact**

Hungsin Chin  
Supervisory Chair, Math/Science Department  
Email: [hchin@asfa.k12.al.us](mailto:hchin@asfa.k12.al.us)

