



MUREP Aerospace Early STEM Institute High School Program

The MUREP Aerospace Academy High School Program provides STEM enrichment opportunities to high school students in Davidson County. Students will engage in problem based opportunities that involve scientific and engineering investigations, network with STEM professionals, and participate in college readiness and career opportunities

Our MAA 3.0 program is a year round STEM enrichment program designed for 9th-12th grade students and families to guide them to a future career in STEM. The project will offer STEM enrichment sessions through an out-of-school model that occurs on weekends and during the summer. Out of school sessions will be held fall, spring, and summer.

The Early STEM Institute curriculum is based upon content aligned with the NASA's mission directorates of Earth Observations, Lunar Explorations, and Aeronautics Research, Science (Earth and Space Science), and Space Technology. The Early STEM Institute is comprised of three pre-colleges: College of Hydrology (2022-2023), College of Lunar Explorations (2023-2024), and College of Acoustic Damping (2024-2025).

School year STEM programming is located at Tennessee State University, five to six Saturdays per academic semester, 9:00 a.m. -1:00 p.m. During the summer, we meet for two weeks in July, Monday-Friday from 9 a.m.-2 p.m. on the main campus of Tennessee State University. Choosing to apply your child(ren) for this program requires a commitment to the year-round program.

Student Recruitment Criteria

- An express interest in STEM degrees and career
- Intent to attend college

Attendance Policy

- Advance notice of absence by email or phone contact is required to be considered excused
- Late arrivals disrupt the program and should be avoided