



STEM Academy

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Students who find themselves enjoying science and math, who wonder how things are made and built, enjoy solving problems, learn by doing, and like gaming or coding will likely be interested in the STEM Academy.



Career Interests

Animal Sciences, Architecture, Astronomy, Aviation, Biochemistry, Computer Sciences, Cybersecurity, Engineering, Food Science, Forensic Science, Game/App Development, Informational Technology, Meteorology, Graphic Design, Scientific Research, Software/Hardware Development, Statistical Analysis, Web Design

Experiences

Amazon Distribution Center Visit
Community Partner Visits
Ardurra Engineering Firm Visit
Everglades Outreach
Frost Museum Visit
iFly Experience
Biscayne Nature Center Visit
Miami Dade County Crime Lab Tour
NASA Tour
STREAM Days at Elementary Schools
Water/Waste Management Plant Visits

Opportunities

App Development Challenge
Bebras Challenge
Coding Camp
Congressional App Challenge
Engineering Competitions
ESports Tournaments
FIU's Engineering Expo
Frost Museum STEM Competition
Robotics Competitions

Recommended Electives

Art

Digital Art Imaging I, II
3D Modeling and Animation

English

AP Capstone Seminar
AP Capstone Research

Business & Technology

AP Computer Science A
AP Computer Science Principles
Applied Engineering Tech I, II
Introduction to Coding
Game and Simulation Programming
Robotics I, II, III
Web Design

Science

AP Biology
AP Chemistry
AP Environmental Science
AP Physics C
Environmental Science
Forensic Science I, II