



Seminole High School

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Providing students with the most
comprehensive 21st-Century

Learning available:

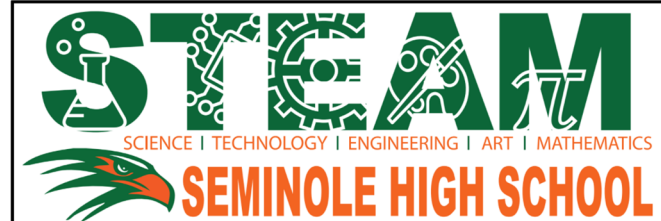
Communication, Collaboration,
Critical Thinking, and Creativity.



Seminole High School

Home of the Warhawks

Science, Technology, Engineering, Arts, and Math



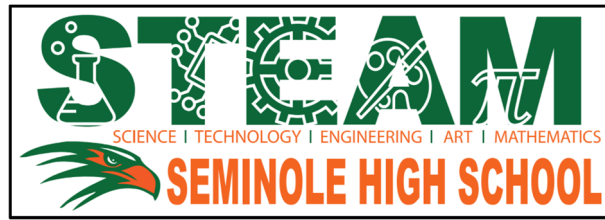
Seminole High School offers the only high school based STEAM Program in Pinellas County Schools. The VISION of SHS's STEAM program is to develop specialized and innovative skills through exploration, critical thinking, and problem solving.

The Secondary STEAM program offered at SHS is rooted in the interdisciplinary application and interaction of all educational disciplines. At SHS, we provide theme based STEAM learning that provides 21st-Century Learning. In the STEAM program, real-life approaches to STEAM-oriented issues are gained through hands-on STEAM challenges and implementation of the engineering design process.

Participation in the STEAM program will allow students to:

- Address specific design challenges
- Use a variety of technologies to enhance their understanding of STEAM tasks.
- Practice communication and leadership skills.
- Explore STEAM careers and their associated pathways.
- Provide avenues for students to use interdisciplinary skills to accomplish learning goals





OUR MISSION

In support of Seminole High School's Mission Statement, The STEAM Program brings together faculty and staff to foster and build meaningful relationships with students and the community through relevant academic and extracurricular activities. It is a place where students grow intellectually and lead successful, fulfilling lives through rigorous training and modeling of skills within these fields that contribute to their future success. The STEAM program provides every student within Seminole High School access to diverse STEAM educational offerings, internships, evaluations, and a positive educational experience that allows them to put knowledge into action. All students will be able to interact in meaningful ways that foster success leading to post-secondary education and career readiness.



ACADEMICS



- Students in STEAM programs are 4 times more likely to be recognized for academic achievement.
- Students in STEAM programs are 3 times more likely to be awarded for school attendance.
- Students who take four years STEAM courses while in high school (only 18 percent of test-takers) scored an average of **92 points higher on their SATs** than students who took only one-half year or less (16 percent of test takers).
- Students in music performance classes score **57 points higher (Verbal) and 41 points higher (Math)** on the SAT.



STEAM COLLEGE AND CAREER PREP!

School counselors and instructional leaders guide students with their post secondary plans. The College and Career Centers are the hub of information and support for students and families. Working in collaboration with school counselors, the College and Career Center teams provide individualized and targeted assistance to navigate the college-going process. !

21st Century Learning
Student Centered Community
Participatory Learning.

