CTE

NEW PROGRAM OF INTEREST

STEM at Sebastian Middle School



Explore three STEM pathways in grades 6, 7, and 8, then choose your high school academy with confidence.

STEM cognia CERTIFIED

St. Johns County's Cognia Certified STEM School!

GRADE 6

Aerospace and Engineering

Flight basics, aircraft and drone design challenges, and aerospace engineering projects that build the math and science behind flight, plus a first look at careers in aviation.

Digital Tool option: Autodesk Tinkercad 3D Design

Academy of Aviation and Aerospace
Embry-Riddle dual enrollment, flight simulators, professional drones, and FAA pilot and drone certifications

GRADE 7

Automation and Robotics

Design, build and code robots, explore the careers behind them, and see how automation and advanced manufacturing shape the products and technology we use every day.

Digital Tool option: ICT Programming and Logic Essentials

Academy of Advanced Automation Technology
Robotics, smart sensors, PLC programming and CAD/CAM, with MSSC and SACA Industry 4.0 certifications

GRADE 8

Forensic Science and Homeland Security

Forensic science investigations, cybersecurity, UAV surveillance and public safety career explorations that show how technology keeps communities safe.

Digital Tool option: ICT Cybersecurity Essentials

Academy of Law and Homeland Security
Criminal justice and 911 telecommunicator courses, industry certifications, internships and SJR State college credit

ONLY AT SEBASTIAN

Earn exclusive Digital Tool certificates* that build real-world digital skills and a head start on high school industry certifications.

*In addition to the Digital Tool certificates offered district-wide through Digital Discoveries.

Hands-On Learning
Inquiry-based projects with advanced equipment and technology in every grade

Field Studies
Site visits and guest speakers tied to each pathway, connecting classwork to real careers

School Connections
Sebastian and St. Augustine High School teams work together through mentorships and collaborative projects

Academy Pathway
STEM across all subjects, preparing students for high school college credit and industry certification courses

Apply to the CTE Program of Interest Lottery

Visit **cte.stjohns.k12.fl.us/apply** and sign in through Home Access Center

Applications open January 5 and close January 25.

Questions? Email academies@stjohns.k12.fl.us or call (904) 547-6000.

CTE CAREER AND TECHNICAL EDUCATION — of St. Johns County —

EXPLORE THREE PATHWAYS. CHOOSE WITH CONFIDENCE.