

Everyday STEM Camp 2026

Explore, Collaborate Design, Build, and Code Your Own Robot

Summary: The Everyday STEM Camp for middle schoolers offers an exciting and hands-on exploration of the principles, applications, and creative possibilities of STEM fields. STEM education is essential for students' success in today's digital and innovation-driven world, as it intersects with nearly every area of academic and career development. This camp is designed to ignite curiosity, foster collaboration, and provide participants with a strong foundation in problem-solving and critical thinking skills.

The 2026 camp builds on the successful 2025 model, maintaining the same structure, flow, and balance of cybersecurity, robotics, mental performance, and real-world STEM applications, while refreshing activities to increase engagement, creativity, and career awareness. Campers will explore how STEM shows up in everyday life through hands-on challenges, teamwork, and problem-solving.

Daily Camp Themes and Activities

- **Monday** - Security Sense and STEM Foundations
- **Tuesday** - Harden Smart – Protecting Systems & Sustainability
- **Wednesday** - Digital Footprint Detectives
- **Thursday** - Cyber Escape and Business Innovation
- **Friday** - Showcase Prep and Celebration

What students will learn: By the end of camp, students will:

- Understand how STEM applies to everyday life
- Demonstrate basic cyber hygiene and digital responsibility
- Build and program a functioning robot
- Use pseudocode and foundational programming logic
- Collaborate effectively in teams
- Present technical ideas with confidence
- Strengthen problem-solving and resilience skills

About your presenter: Carla Ferrette-Clark is a retired Air Force Technical Sergeant with 20 years of service and a Career Technical Education (CTE) educator at Military Magnet Academy. She holds a B.S. in Business Management and a graduate degree in Human Services Counseling. With over eight years of experience coaching award-winning robotics and cybersecurity teams, Ms. Ferrette Clark is passionate about empowering students through STEM education. Her dedication has inspired students to pursue STEM careers, earn scholarships, and achieve national recognition.

Vitals:

Date:	July 13, 2026	Age Group:	Middle School students (11-14)
Start time:	9:00am - End time: 3:00pm	Computer:	Provided
Cost:	\$249.00	Scholarships:	Available
Class size:	25 persons		

Location: 4 Conroy Street, Suite A, Charleston, SC 29403 **Parking:** Charleston Tech Center Garage