

for SPAWAR to accomplish its mission as an Information Dominance solutions provider to our Naval, Joint, National and Coalition Warfighters. Through mentorship and public awareness, the team encourages educational programs and students in order to contribute where they can to develop future leaders in the Nation's Cyber Security work force.

SeaPerch: An Office of Navy Research (ONR) funded project, Sea Perch is an underwater robot. Students build a robot from a kit comprised of low-cost, easily accessible parts, following a curriculum that teaches basic engineering and science concepts with a marine engineering theme. We are working with both ONR and local schools to provide mentors to help build and test kits.





Summer PYGames: The Summer PYGames is a competition for High School age students to create educational video games. Video games are then distributed to schools working with the Palmetto Project in South Carolina. Using open source software students have 6 weeks to create an educational video game for students grade level kindergarten through 6th grade.

Tabula Digita: Tabula Digita is funded by the National Defense Education Program (NDEP) and produced by Dimension M. This math gaming tool enhances students' skills in pre-algebra and algebra. In order to be successful at the game the students have to solve problems to move to the next phase. Tabula Digita is focused on delivering innovative and effective technology-based educational tools for elementary, middle and high school students.

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Sowing the seeds of STEM Outreach



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Who is SSC Atlantic

Space and Naval Warfare Systems Center (SSC) Atlantic reports directly to the Space and Naval Warfare Systems Command (SPAWAR) located in San Diego, Calif. We utilize our major stateside offices in South Carolina, Virginia, Louisiana, Florida and Washington, D.C., as well as overseas posts in Europe, the Mideast and Antarctica, to effectively meet the needs of our customers.

SSC Atlantic is a Department of the Navy organization. We meet our nation's demands for uninterrupted vigilance, fail-safe cybersecurity, adaptive response and engineering excellence by delivering secure, integrated and innovative solutions to many naval, joint and national agencies.

We are honored to serve naval, joint and national warfighters' unified efforts to best cope with the dangers of the 21st century and beyond by enabling them to respond to any situation, anywhere, at any time. We design, acquire, engineer and sustain the systems, sensor connections, cyber network infrastructures and knowledge management services to ensure reliable information is available to only those who need it, where and when it is needed.

SSC Atlantic Mission

Rapidly deliver and support solutions that enable information dominance for our Naval, Joint, National and Coalition Warfighters.



Science, Technology, Engineering, and Mathematics (STEM) Mission

To expose students of varying ages and backgrounds to the work ongoing at SPAWAR, the qualities desired of future SPAWAR employees, and the career opportunities available within the government. To cultivate and develop professional excellence in young people through our regular participation in an array of community and educational programs and event in the fields of STEM.

Career Fairs: As an integral part of the SSC Atlantic's Outreach program, the Career Fair team attends Tri-County area schools' career fairs and mentors to young minds. Command personnel promote awareness of SSC Atlantic to the Charleston community and highlight SPAWAR's role in support of war fighters, the DoD community and other customers. In addition to promoting awareness, the Career Fair team engages in STEM dialogue and builds relationships with young scholars.



FIRST Lego League/Robotic: Coaches and mentors are provided to schools to support JRFLL/FLL/FTC/FRC teams for regional, state, and national championships.



Gussie Green Lab: Gussie Green is sponsored by Clemson University. It is the first computer center of its kind. The lab's purpose is to teach computer skills (word processing, spreadsheets, web browsing, etc.) to low income individuals in North Charleston. Engineers and other volunteers help keep the center operational. The center provides the community with resumes assistance and other valuable technology skills to help with technology literacy, career advancement and job placement.

Project Lead the Way: Project Lead the Way (PLTW) prepares students to be the most innovative and productive leaders in STEM and to make meaningful, pioneering contributions to our world. PLTW partners with middle schools and high schools to provide a rigorous, relevant STEM education. Through an engaging, hands-on curriculum, PLTW encourages the development of problem-solving skills, critical thinking, creative and innovative reasoning, and a love of learning. The PLTW middle- and high-school STEM education programs give students a brighter future by providing them with a foundation and proven path to college and career success in STEM-related fields.

Cyber Security: The Outreach Cyber Security Integrated Product Team (IPT) is group of dedicated subject matter experts in the Information Assurance (IA) / Cyber Security disciplines. The team's primary objective is to build, acquire and sustain critical competencies necessary