



NAVY Computer & Coding Club

www.stemexcel.org/navy



Class size: 14-40 students. This course is sponsored by the Navy PTO. No refunds or exchanges offered. Emergency contact info must be filled out during registration for each student who attends this course. If you have any questions, please contact Leslie Forte, leslieforte05@gmail.com

Registration is Open! Please go to stemexcel.org/navy to register.

**If you are on free or reduced lunch and would like assistance with your After School activities registration fees please contact NavyCares123@gmail.com*



Spring 2019 | Java Programming:

TUESDAYS, 3:40pm-4:40pm • April 9 - May 28, 2019 (no class on April 16) • Tuition: \$115 • 7 meetings, 1 hour per meeting • Grades 4th-6th • Cafeteria

Java is a sophisticated but easy-to-learn computer language that runs on almost every device we use in our everyday lives, from computers and phones to appliances. This course will provide an introduction to Java for students with little to no experience, and build a strong foundation in object-oriented programming fundamentals. Students will design, create and debug short Java programs that complete varying tasks, from math calculations to sorting user data. Students will end the class with good programming etiquette, and the ability to apply computational logic and problem-solving skills in future programming projects.



Spring 2019 | Kinder-Tech:

WEDNESDAYS, 3:40pm-4:40pm • April 10 - May 29, 2019 (no class on April 17) • Tuition: \$115 • 7 meetings, 1 hour per meeting • Kindergartners • Cafeteria

Kinder-Tech is the perfect course for Kindergartners to learn about technology in a fun way, tailored to their specific age group! Students will be introduced to the full gamut of STEM courses: programming, game design, Minecraft, laptop and mouse literacy and more! Students will develop a working foundation and comfort level for the technology, while improving their dexterity with the hardware, which will greatly advance their understanding and interest for future STEM exCEL classes.



Spring 2019 | Intro to CS & Coding:

WEDNESDAYS, 3:40pm-4:40pm • April 10 - May 29, 2019 (no class on April 17) • Tuition: \$115 • 7 meetings, 1 hour per meeting • Grades 1st-4th • Cafeteria

Intro to CS & Coding teaches programming logic without the requirement of learning a new language, making it the perfect foundation for any other computer science or technology subject. Students start with hands-on activities that help them learn vital concepts in a tangible way, then use our easy drag-and-drop interface to put their new knowledge into play, to create programs, solve problems and even make games.

With the help of our experienced instructors, students will learn functions, variables, conditionals and more in a fun environment. Students will leave the course with their final project, and a strong base for future technological learning.



Spring 2019 | Minecraft Modding:

FRIDAYS, 3:40pm-4:40pm • April 12 - May 31, 2019 (no class Apr 19) • Tuition: \$125 • 7 meetings, 1 hour per meeting • Grades 1st-6th • Cafeteria

Minecraft Modding teaches students important problem-solving and design skills by making changes to the popular multiplayer game itself. Programming fundamentals are reinforced by designing and implementing large-scale Minecraft modifications. Our instructors offer individualized attention and mentorship throughout our course, so students will learn at their pace following their personal learning style and interests. Students end their time with us with their mods, which they may add to their personal Minecraft games.

Contact us: 571-349-0048 • info@stemexcel.org • Visit us: www.stemexcel.org • This Information is neither sponsored nor endorsed by the Fairfax County School Board, the Superintendent, or this school.