



Keene Mill Computer & Coding Club

www.stemexcel.org/keenemill



Class size: 14-20 students. This course is sponsored by the Keene Mill PTA. 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 Elyssa Pinkard, elyssa.pinkard.pta@gmail.com

FALL 2017 | Introduction to Computer Science & Coding:

THURSDAYS, 4:00m-5:00pm • September 28-November 16, 2017

Tuition: \$130 • 8 meetings, 1 hour per meeting • Grades 1st-4th • Location: LIBRARY

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.

FALL 2017 | Robotics:

THURSDAYS, 4:00m-5:00pm • September 28-November 16, 2017

Tuition: \$160 • 8 meetings, 1 hour per meeting • Grades 3rd-6th • Location: CAFETERIA

STEM exCEL Robotics is designed for students looking to get started with robotics, and who are possibly interested in learning competitive robotics. In this course, students learn how to design, build, and program Lego Mindstorms EV3 robots by constructing and programming a robot. By applying engineering concepts as well as advanced sensor programming skills, students will perfect their design and programming to solve a variety of

challenges. These engineering, design and programming concepts serve as a great stepping stone for students that have an interest in competing in robotics competitions such as First Lego League (FLL).

Registration is Open!

Please go to www.stemexcel.org/keenemill to register.

About the Computer & Coding Club program:

The program aims to align STEM education through beginner to advanced computer science and coding opportunities. In subsequent after-school enrichment sessions this year and going forward, Game Design, Website Design, Java, Python, Electronics, Robotics, Raspberry Pi, 3D Printing and Minecraft Modding opportunities may be offered per PTA feedback.

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.