LORTON STATION
Computer & Coding Club
www.stemexcel.org/lortonstation

Class size:14-20 students. This course is sponsored by the Lorton Station PTO (SHP). No refunds/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 Patrice Hoggard, SHP 1st Vice President, shp1vp@gmail.com

SPRING 2018 | Minecraft Chess:

FRIDAYS, 4:15pm-5:15pm • April 6-June 1, 2018 • no class on Apr 13
Tuition: $75 • 8 meetings, 1 hour per meeting • Grades 2ⁿᵈ-6ᵗʰ • CLASSROOM TBD
Minecraft Chess helps students build critical-thinking skills and self-confidence by learning the revered game of chess in the fun format of Minecraft. With the mentorship of our trained chess coaches, students gain knowledge and interest in chess by utilizing both classic chess boards and an online platform in Minecraft.
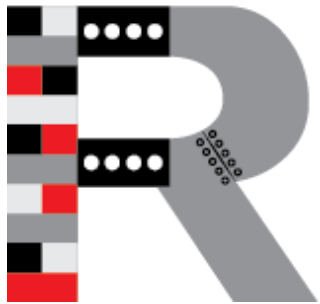
SPRING 2018 | Robotics:

THURSDAYS, 4:15pm-5:15pm • April 12-May 31, 2018
Tuition: $125 • 8 meetings, 1 hour per meeting • Grades 1ˢᵗ-4ᵗʰ • CLASSROOM TBD
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.

SPRING 2018 | 3D Game Design:

TUESDAYS, 4:15pm-5:15pm • April 10-May 29, 2018
Tuition: $110 • 8 meetings, 1 hour per meeting • Grades 3ʳᵈ-6ᵗʰ • CLASSROOM TBD
3D Game Design enforces important game design concepts via practical application with the professional game engine responsible for popular modern games like Pokemon Go, Deus Ex and the Angry Birds franchise. Students learn to design and build their own game, while simultaneously learning programming logic, level design, art and animation. The final product is their own game that can be played on any computer, along with all project packages so they may continue creating at home.

Registration is Open!

Please go to **stemexcel.org/lortonstation** to register.

About the Computer & Coding Club program:

The program aims to align STEM education through beginner to advanced computer science and coding opportunities..

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.