



FLORIS Computer & Coding Club

www.stemexcel.org/floris



Class size: 14-20 students. This course is sponsored by the Floris 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 PTA afterschool coordinator, Fatima Akhtar, florispta.vpcomm@gmail.com



WINTER 2018 | 2D Game Design:

WEDNESDAYS, 4:15pm-5:15pm • January 10-February 28, 2018 •

Tuition: \$140 • 8 meetings, 1 hour per meeting • Grades 1st-4th • CLASSROOM TBD

2D Game Design builds upon the fundamentals and concepts of game design within a real game engine many indie development teams currently use. Students learn to design and build their own game from the ground up, while learning 2D game art and programming logic with the engine's integrated art software and easy-to-use events system, fit for beginners through advanced learners alike. Our instructors help students develop games individually, so students have the freedom to create at their pace while focusing on their creative interests. The final product is their own game that can be played on any computer, and the knowhow to continue their game development at home.



WINTER 2018 | Introduction to CS & Coding:

TUESDAYS, 4:15pm-5:15pm • January 9-February 27, 2018 •

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

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.

Registration is Open!

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

About the Computer & Coding Club program:

The program aims to align STEM education through beginner to advanced computer science and coding opportunities to build a community Computer & Coding Club. In subsequent 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.