



# Lees Corner Computer & Coding Club

[stemexcel.org/leescorner](http://stemexcel.org/leescorner)



Class size: 14-40 students. This course is sponsored by the Lees Corner 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 coordinator, Kimberly Mattiello, [icesafterschoolenrichment@gmail.com](mailto:icesafterschoolenrichment@gmail.com)



## SPRING 2019 | Electronics with Minecraft Redstone:

**MONDAYS, 3:45pm-4:45pm • April 1-May 20, 2019 • no class on Apr 15), 7 WEEKS •**

**Tuition: \$125 • 7 meetings, 1 hour per meeting • Grades 1st-6th • Classroom TBD**

STEM exCEL's Electronics with Minecraft Redstone allows students to explore electronics in a virtual world with essentially infinite resources. Using Minecraft's Redstone blocks, which act as wires on a breadboard, students can build constructs representing electrical circuits and simple computer projects that are built in the real world. This course is a great precursor to understand real circuitry, electronics and electrical theory. This course allows students to gain an understanding of how computers are processing commands as they move on to other computer science studies, and take home their Redstone creations at the ends of the course.



## SPRING 2019 | 3D Game Design:

**TUESDAYS, 3:45pm-4:45pm • April 2-May 28, 2019 • (no class on April 16), 8 WEEKS •**

**Classroom TBD • Tuition: \$130 • 8 meetings, 1 hour per meeting • Grades 3rd-6th •**

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/leescorner](http://stemexcel.org/leescorner) to register.

Lees Corner PTA families are invited to use the coupon code "**leescornerpta**" upon check out to receive a \$10 discount on all courses.