Poplar Tree
Computer & Coding Club

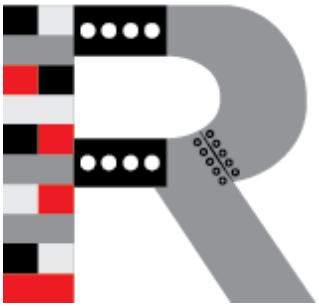
www.stemexcel.org/poplartree

Class size: 14-20 students. This course is sponsored by the Poplar Tree 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 Drew Hunt, hunt.drew@gmail.com

SPRING 2018 | Minecraft Chess:

TUESDAYS, 3:30pm-4:30pm • April 10-May 29, 2018 •
Tuition: $104 • 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. Incorporating variations of chess allows for students to learn no matter their learning style, and will develop their skills in a way most comfortable to them. Students will leave Minecraft Chess with improved chess skills, sportsmanship and the ability to learn from mistakes in a challenging and entertaining way.



SPRING 2018 | Robotics:

WEDNESDAYS, 3:30pm-4:30pm • April 11-May 30, 2018 •
Tuition: $160 • 8 meetings, 1 hour per meeting • Grades 3rd-6th • 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. 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/poplartree** 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.