

Technology

Grade 7- STEAM 1.0

Students will dive into the basic principles of STEAM (Science, Technology, Engineering, Art, and Math). This is a class unlike any other that they have been exposed to and will focus mostly on hands-on project based learning through engineering challenges, 3D design, coding and robotics, electricity, and much more! This class blends ideas from across multiple subject areas and also focuses on basic skills that everyone should know such as basic tools and safety as well as proper measuring techniques and units. Students should expect this class to help them fine-tune their critical thinking, creativity, collaboration and communication skills which every student will need in order to excel in today's global landscape.

Grade 7- Digital Citizenship

The purpose of this course is to teach students how to properly and safely integrate technology into their daily lives. This course will examine the following topics: Digital Life, My Media, Safe Online Talk and Cyberbullying. Students will learn the responsibilities, behaviors and expectations of a "digital citizen" in today's society. Additionally, students will utilize a variety of new technological tools and strategies that can be used in their everyday lives.

For more information on how students can use technology responsibly please visit: www.common sense media.org

Grade 8- STEAM 2.0

Students will be exposed to the general principles of STEAM (Science, Technology, Engineering, Art, and Math). We will focus mostly on real-life engineering and design challenges which will help students to fine-tune their critical thinking, creativity, collaboration, and communication skills. Students will be introduced to the engineering design process, coding, robotics, architecture, electricity, and basic tools and safety. This class gives students creative freedom and stresses that students must learn from their failures. Students will be assigned both independent and collaborative assignments and will need to manage their time effectively in order to meet deadlines and complete the given tasks.

Grade 8- Media and Presentation

During this course, students will understand the impact that mass media has on today's contemporary society through news, entertainment and persuasion. Students will learn and take on the role of an informed and engaged global citizen. Students will analyze and evaluate media functions, stories and perspectives. At the end of this course, students will create their own presentations using multimedia tools such as Chromebook, iPads, iMovie, green screen and many other tools/applications.