

STEAM (SCIENCE TECHNOLOGY ENGINEERING ARTS MATH)

STEAM focuses on the skills emphasized in today's society. Each student will learn through discovery, teamwork, and guided inquiry on top of traditional methods. STEAM is a double period flexible class that allows a blend between different subjects. Overlying concepts that transcend one subject area are a major theme. Do you have a keen interest in the world around you, a scientific spark, and a passion to work independently and with others? Many employers are now focusing on hiring for certain skills in the workforce. Expertise can be taught and trained. However, an innate ability to problem solve, communicate effectively, and think outside the box is a skill that can be honed through learning in a STEAM context. STEAM focuses on many skills needed in engineering and scientific fields. STEAM 8 and STEAM 9 provide the prerequisite knowledge needed for Science 10 and Math 10 Foundations & Pre-calculus, and emphasize 21st century skills that transcend all subject areas.

STEAM 8 COURSES

Science 8

Math 8

PAA 9 - Blended mix of PAA skills focusing on demonstrating math and science concepts.

Examples include design studies, coding, photography, and 3D printing

STEAM 9 COURSES

Science 9

Math 9

PAA 9 - Blended mix of PAA skills focusing on demonstrating math and science concepts.

Examples include design studies, coding, photography, and 3D printing

COMMUNITY CONNECTIONS

Staying true to the STEAM learning philosophy, we will have guest speakers, such as members of APEGA, and host presentations that allow us to bring STEAM-related topics to life!

GLOBAL CONNECTIONS

Students will connect with others outside of class and expand global citizenship understanding through use of programs like Skype, Flipgrid, and Google sites.

ADDITIONAL LEARNING AND LEADERSHIP

There will be opportunities for students to work out of their grade area. STEAM students may act as mentors to LCSD elementary students by working through math and science concepts with them.

