

SHCSD Maker Space

"There was a time when you could follow the formula: Work hard at school, go to college, and climb a corporate ladder. But because of the complex global economy, because of the creative economy, the information economy, our students are going to have to navigate a maze. The ladder is now a maze. And because it's a maze, what do they need in order to navigate that? They need to be able to engage in iterative thinking, creative thinking, critical thinking, they need to know how to pivot, how to change, how to revise, how to persevere. They need to solve complex problems. They need to think divergently. All of those are involved in that maker mindset. And so if you can embed that maker mindset inside of the curriculum, and you tap into the standards that you're teaching, then they're able to develop that maker mindset. The space is just the platform that facilitates it."

WHY A MAKERSPACE?

- Transportable Skills
 - Collaborate, communicate, think critically, create
- Share resources, knowledge, and skills
- Explore entrepreneurship
- Authentic learning experiences
- Learn and use coding and computational thinking
- Promotes career-readiness skills

A makerspace is a collaborative work space inside a school, library or separate public/private facility for making, learning, exploring and sharing that uses high tech to no tech tools. These spaces are open to students and have a variety of maker equipment including building supplies, electrical materials, 3D printers, laser cutters, soldering irons and even sewing machines.

We are in the process of converting a portion of the current Middle/High School Library into a collaborative workspace.

In this space, makers of all sorts can work and share their experiences in a setting that is conducive to creative exploration, learning, and user-driven innovation through a hands on "doing" approach.

From repairing a broken lamp and learning how to use electrical tools to robotics, computer programming, and sewing—the Makerspace is a dynamic space for interaction and creating.

