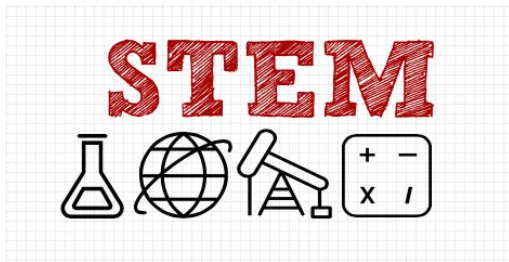


San Marino USD Academics Advisory Committee STEM / Computer Science Update

**Stephen Choi
AAC STEM-CS Chair
May 2, 2018**

Focus Areas

- Computer Science / STEM Alignment
- Computer Science CTE Pathways
- Virtual & Augmented Reality



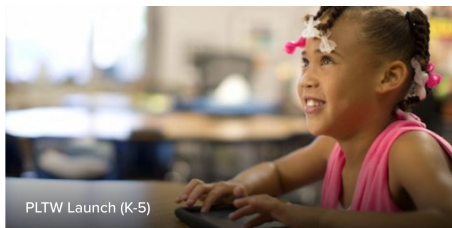
Work of the STEM / CS Committee

- Third Year of Subcommittee
- Completed six meetings this year
- Reviewed SMUSD STEM/CS
- Explored What Others are Doing
- Highlights
- Recommendations

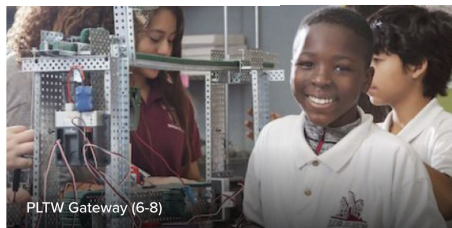
Highlight: SMUSD Teachers



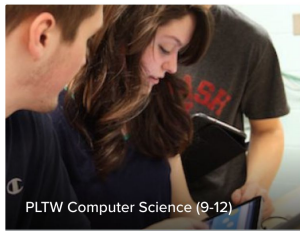
Highlight: Pathways



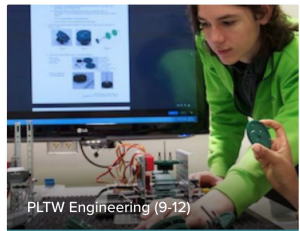
PLTW Launch (K-5)



PLTW Gateway (6-8)



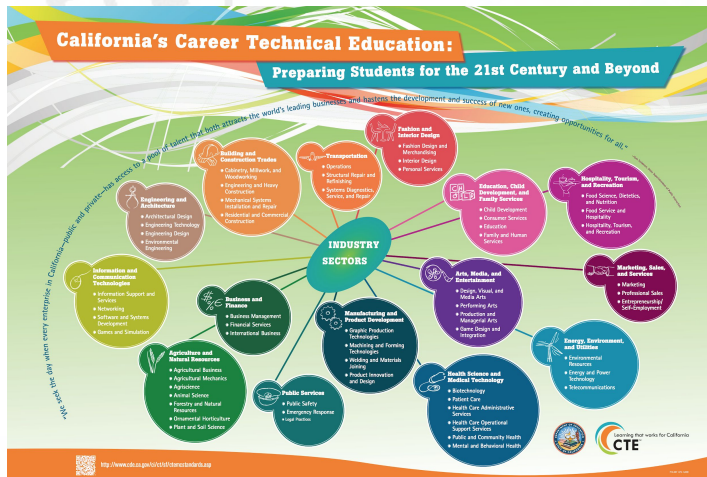
PLTW Computer Science (9-12)



PLTW Engineering (9-12)

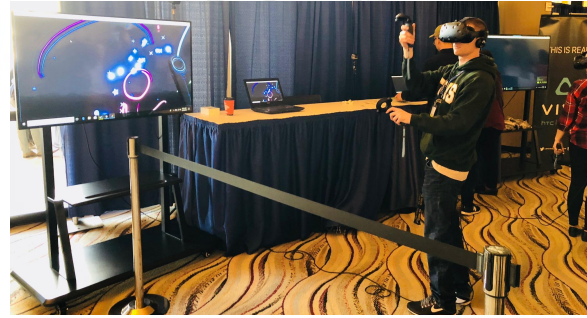


PLTW Biomedical Science (9-12)



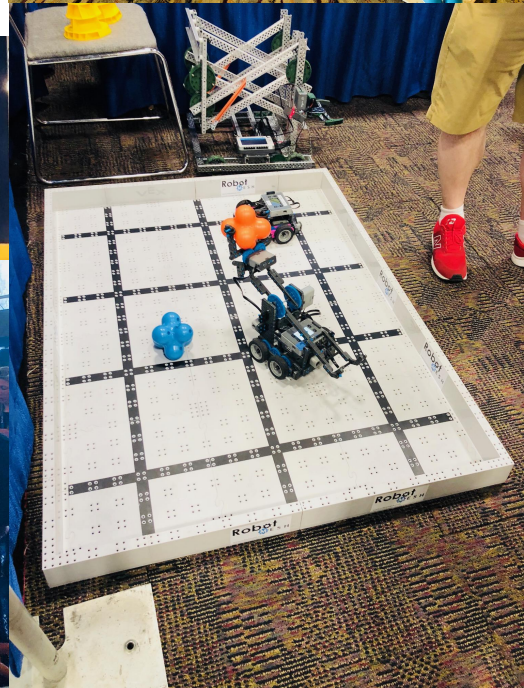
CODE CREATIVE

Highlight: VR Opportunities



Highlight: CUE Conference

Welcome to the
CUE Conference



STEM / CS Recommendations

- Create a SMUSD Core Team to develop and oversee an instructional focused vision and mission-based STEM program
- Establish and communicate STEM / CS grade-level expectations and objectives
- Increase consistency between two elementary schools
(STEM teacher collaboration, 3D printing)
- Encourage co-teaching model practices with elementary STEM teachers while exploring enhancements to co-teaching model
- Continue to leverage community resources
- Continue to evaluate CTE Pathways
- Continue to evaluate virtual & augmented reality