

EdTech Update for Board of Trustees

May 9, 2019

EdTech Update

- EdTech Plan Update
- Professional Development
- Makerspaces
- Cybersecurity Plan
- Fiber Update
- Network Audit
- Additional Budget Requests Received
- Office of Civil Rights

EdTech Plan Review

Goal 1 Digital Citizenship

- All teachers TK-8th taught 3 Digital Citizenship lessons using Common Sense Media
- Integrated Project Cornerstone lessons
- Parent education
 - District Attorney presentation at Redwood (March 2019)
 - District Attorney presentation (May 2019)
 - EdTech Plan Update for Parents (May 2019)

Goal 2 Empowered Learner

- The focus was on students:
 - Setting goals and reflecting
 - Receiving feedback
 - Using tech tools for learning
 - Understanding the fundamentals of technology operations

Goal 2 Empowered Learner

- Grade Level Examples:
 - Kinder: Students wrote writing goals and used Seesaw to record their writing to receive feedback.
 - First: Student wrote reading goals and shared them with their teacher
 - Second: Students used Google Slides to create presentations and to receive feedback

Goal 2 Empowered Learner

- Grade Level Examples:
 - Third: Students share their writing and use peer editing to improve their writing.
 - Fourth: Students set goals in writing and used Google Docs to collect feedback
 - Fifth: Students set goals in Social Studies and used Google Forms to collect feedback

Goal 2 Empowered Learner

- Middle School Examples:
 - ELA/SS:
 - Students used TCi to receive feedback on topics to study
 - Students used Google Docs to gather feedback about their writing
 - Math:
 - Students will receive feedback in class and through presentations
 - Science:
 - Students will write goals based on a project of their choice and receive feedback to make changes

Goal 2 Empowered Learner

- Middle School Examples:
 - PE:
 - Students will set fitness goals and use the iPad to film themselves to receive peer feedback
 - Electives:
 - Students will set goals and receive feedback from multiple sources
 - Special Ed:
 - Students will set goals for IL Study and complete a rubric to provide feedback to each other

Preview of Goal 3 Knowledge Constructor

- The focus on students being able to:
 - Plan and employ effective research strategies
 - Evaluate accuracy, perspective, credibility, and relevance of sources
 - Curate information from digital sources
 - Build knowledge by exploring real-world issues and problems

Professional Development

Professional Development 2018-2019

- August 6-8, 2018 Project-Based Learning with Buck Institute
- Teachers developed implementation plan for Year 2-Empowered Learner
 - 3 sessions of 2 hours each
- Individual coaching sessions for EdTech and Makerspace support
 - Julie Orlando supported K-2
 - Doris Watson supported 3-5
- Bullis PBL Practicum
- Site based requests
 - Various request by principals
- New Report Cards/Digital Portfolios

Professional Development 2019-2020

- Project-Based Learning with Buck Institute
- Teachers will develop implementation plan for Year 3-Knowledge Constructor
 - 3 sessions of 2 hours each of EdTech PD
- Individual coaching sessions for EdTech and Makerspace support
 - Continue with ongoing support
- Site based requests

Makerspaces

Makerspace-Argonaut

TK-2



2-Turkey Shelter Design Challenge



K- Rain Gauge

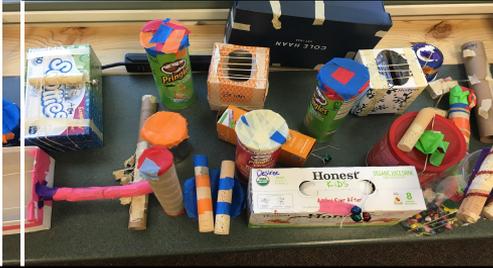
3-5



4-Book Bag (Exploratory)



3-FOSS Science Motion & Matter Wheel & Axle

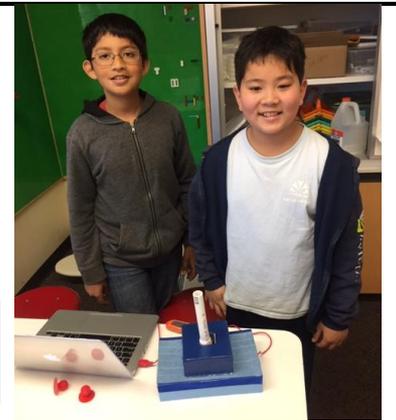


1- Musical Instrument Design



TK- Exploratory

5-Physical Computing Invention



Makerspace-Foothill

K-2



1- Musical Instrument Design



K-2 Exploratory Stations



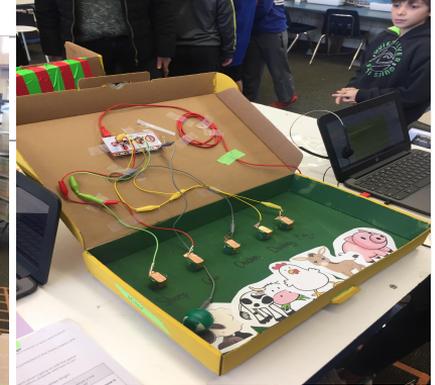
K- Leprechaun Traps

3-5

3-
Newspaper
Design
Challenge



4-Exploratory Stations



5-Physical Computing Device Inventions

Makerspace-Saratoga

K-2



1- Structure Construction



K- Buddy Float Challenge

3-5



3-Persuasive Writing
TED Talks



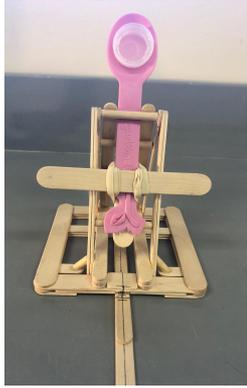
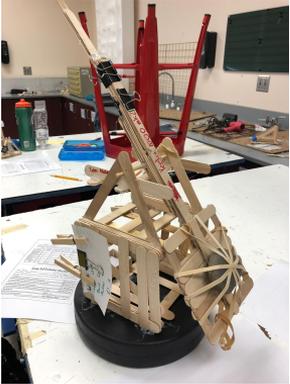
4th Grade Exploratory



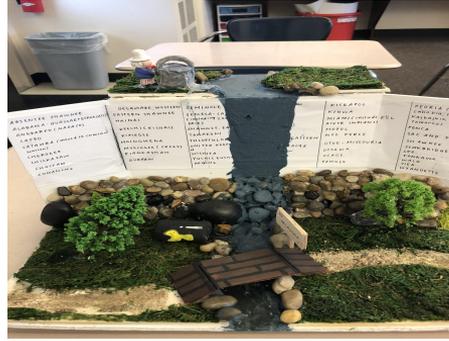
5-Explorer Museum
Video

Makerspace-Redwood

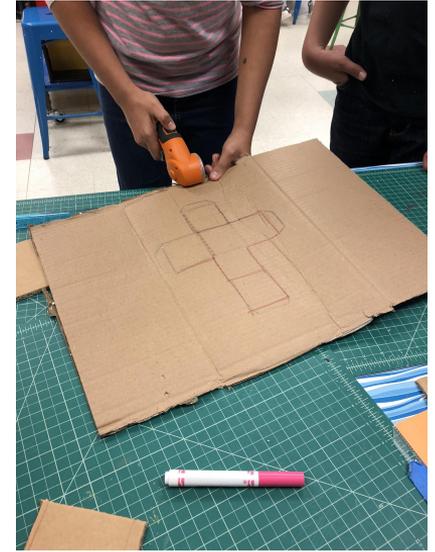
Algebra 1 Catapult
Project



8th grade Memorial



6th grade
Science
Create a
Medicine
Container
Project



Network Infrastructure

Fiber Update

- 3/8/19 Student Chromebooks were moved to SCCOE fiber service
- 4/1/19 All staff and student devices were moved to SCCOE fiber service

Network Audit Results

- Audit in-process
- Will present findings/recommendations in June

Budget Requests

Additional Budget Requests

- Parcel Tax Purchases
 - Chromebooks, iPads, and TV's
 - Will budget replacement when needed

Office of Civil Rights

Corrective Action Plan Approved

- Training every year for staff
- Gather feedback about accessibility
- Make corrections on current content to confirm American with Disabilities Act (ADA) compliance
- New content needs to be ADA compliant

Board Discussion
