

# EdTech Update for Board of Trustees

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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

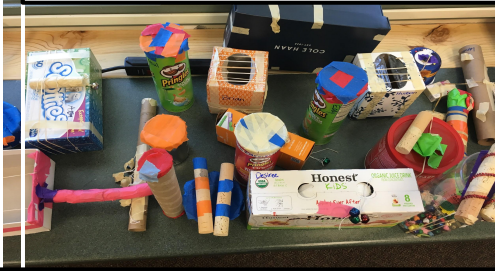
TK-2



2-Turkey Shelter  
Design Challenge



K- Rain Gauge



1- Musical Instrument Design



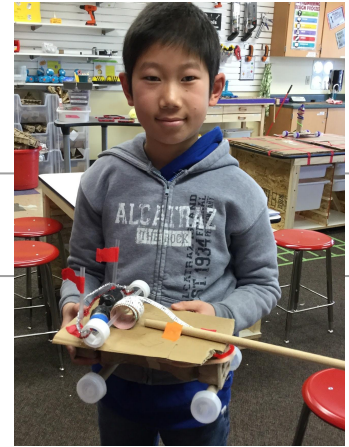
TK- Exploratory

3-5

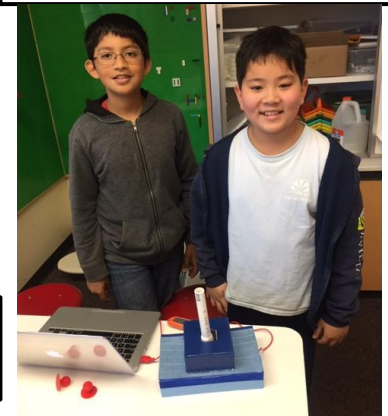


4-Book Bag (Exploratory)

5-Physical Computing  
Invention



3-FOSS Science Motion  
& Matter Wheel & Axle

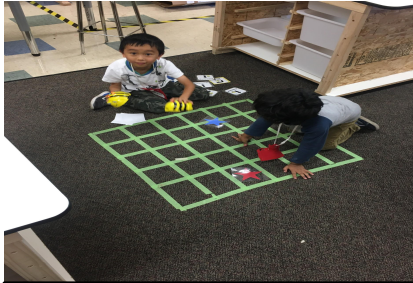


# Makerspace-Foothill

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

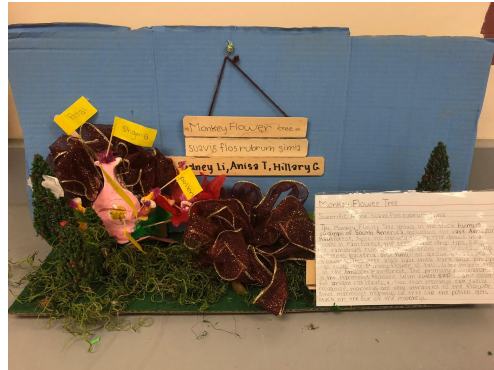
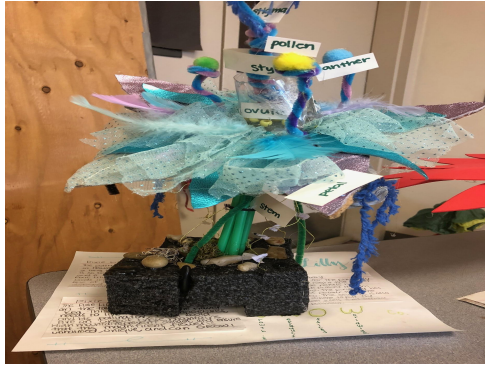


SDC class  
creating  
LED cards

For Core study of ancient  
China, 6th graders  
created Shang artifacts for  
a classroom museum  
display.



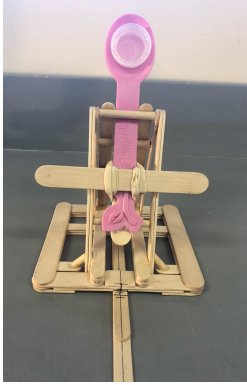
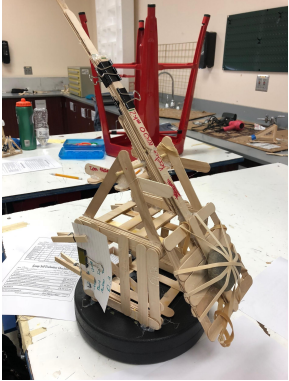
## 6th grade science: Design a Flower Project



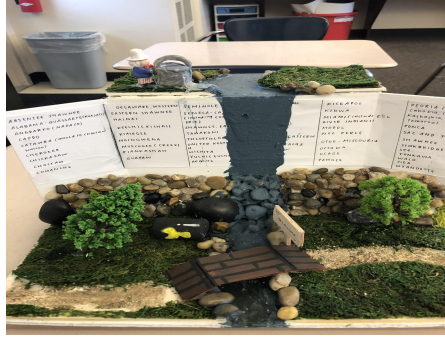


# Makerspace-Redwood

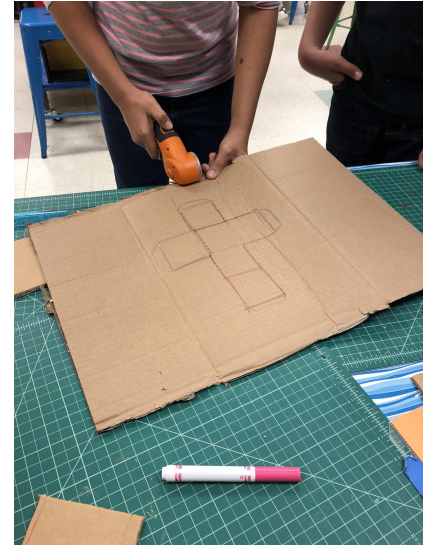
Algebra 1 Catapult  
Project



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

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