

# CSD Technology Update

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April 18, 2024



# Agenda

## **1. Technology Plan 2019-24 Update**

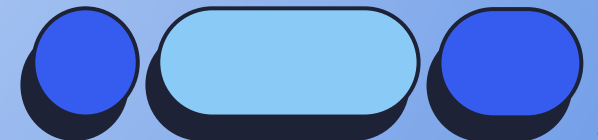
Year Five of Five

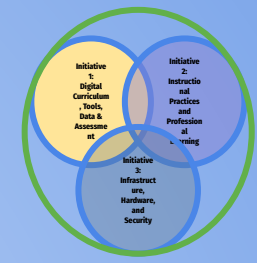
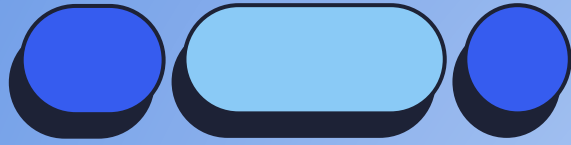
## **2. Survey Results**

Parents/Guardians  
Staff

## **3. Moving Forward**

Budget  
Technology Plan 2025-30 Revision Timeline  
2024-25 Priorities





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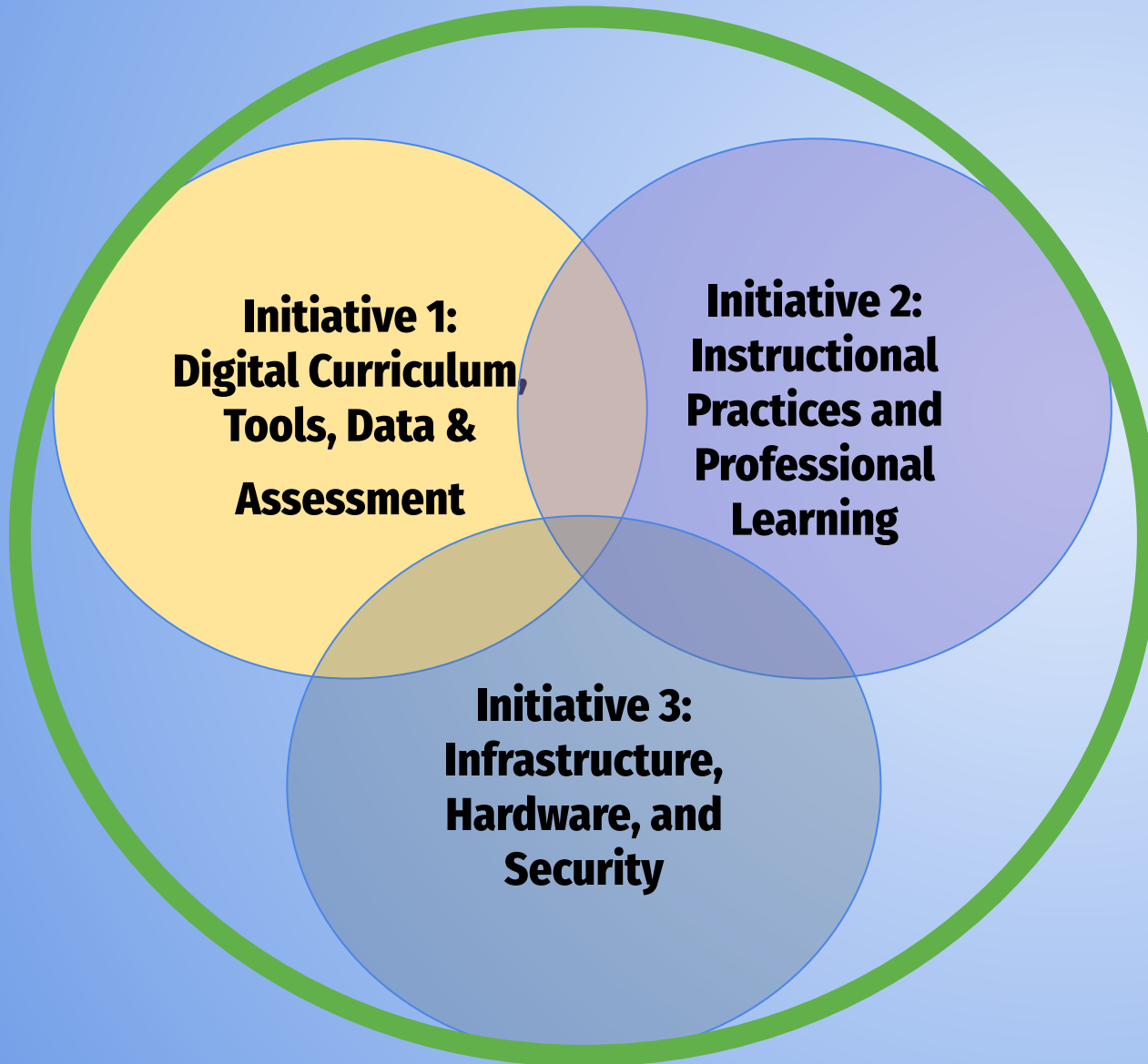
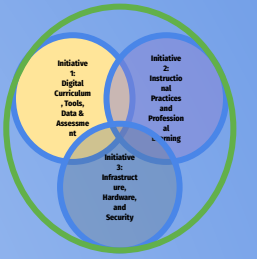
# Technology Plan Update

5 Year Plan 2019-24





# CSD Technology Plan Overview



- [CSD Technology Plan](#)
  - Three initiatives
  - Spans five years (2019-24)
- CSD Board approved on May 2019



# Initiative 1: Digital Curriculum, Tools, Data & Assessment



- **Data Dashboard: eduClimber**
  - Demographics, academics, social/emotional, behavior
  - Dynamic, flexible, intuitive
- **Transition to Finalsite website**
  - Better analytics, translation, accessibility.
  - Mobile-friendly, user friendly
  - Fine tuning
- **Community events**
  - District-wide *Code-Off Event*
  - *Family Code Nights* at all sites
  - *Screenagers: Under the Influence* documentary
- **Improving equitable access through technology**
  - Enabling built-in Chromebook features such as Text-To Speech

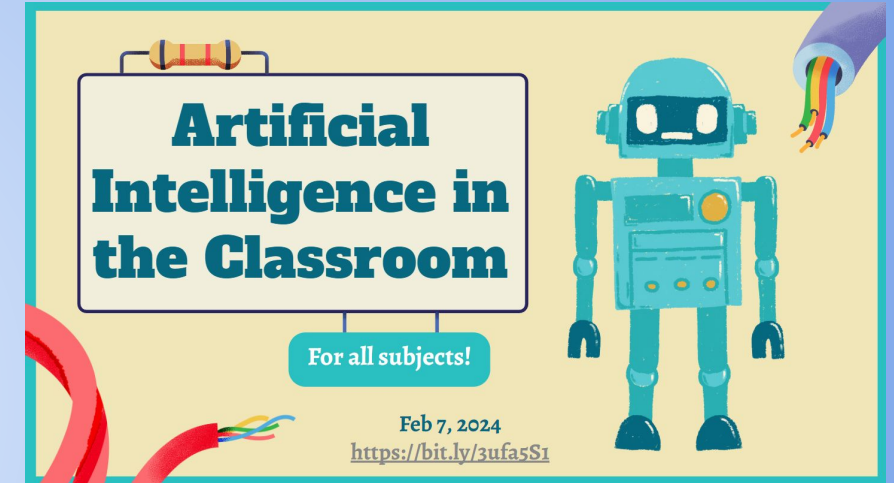




# Initiative 2: Instructional Practices and Professional Learning

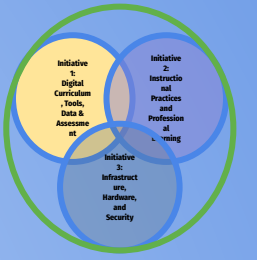


- **Artificial Intelligence: 3 focus areas**
  - AI to support teachers
  - Teaching students to use AI as a tool
  - Assessing mastery independent of AI
- **Teacher Leadership:**  
**TIMS (Technology Integration Mentors) Team**
  - Tech for TK-1
  - Grade-level Technology Skills
  - AI
  - EduClimber
- **On-demand, self-paced digital professional learning platform: Alludo**
  - Complete overhaul of content and activities
  - *Yearnin' For Some Learnin' Bowl*
- **Site Office hours**
- **Assessment prep: ELPAC, CAASPP**

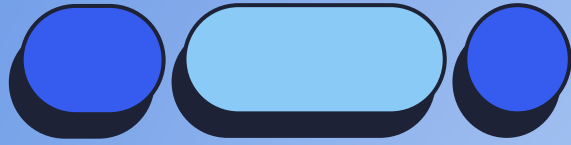




# Initiative 3: Infrastructure, Hardware, and Security



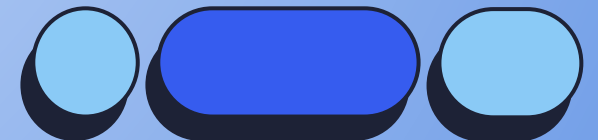
- ◎ **Student Devices: equitable access**
  - Moved to 2:1 (student:iPad) ratio grades TK-1
- ◎ **Piloting touch screen displays** for classrooms
- ◎ **Adding more switches and indoor & outdoor Access Points**
- ◎ **Security cameras** for sites
- ◎ **Cloud base backup** and recovery system
- ◎ **Two Factor authentication** for district staff
- ◎ **Ransomware endpoint security** and EDR (EndPoint Detection Response)



# 2

## Technology Surveys Results

- Staff Survey
- Parents/Guardians Survey
- Students Gr 4-8  
(Survey results pending)





# Focus of Surveys



## 01 Digital Citizenship

Responsible,  
ethical tech  
use

Digital  
Footprint

Cyberbullying

## 02 Digital Literacy

Evaluate and  
use digital  
info

Research

Determine  
credibility

## 03 Digital Health

Media Balance

Online privacy

## 04 Digital Skills for Productivity

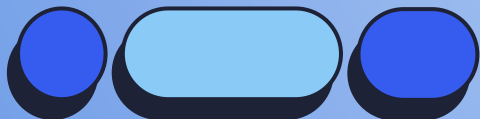
Tools

Communication

Collaboration

Data analysis

***Thought Exchange: "Cambrian School District aims to equip students with the skills to effectively and safely utilize technology for learning. Share your thoughts on areas where the district is excelling and areas where there is room for improvement."***



# Parent/Guardian Feedback



## Positives

- ❖ District direction with technology
- ❖ Providing technology tools for learning
- ❖ Communication regarding technology use and support
- ❖ Efforts to teach digital citizenship

## Concerns

- ❖ Digital Safety: Cyberbullying
- ❖ Instruction around using technology safely, responsibly
- ❖ Screen time concerns
- ❖ Improved instruction for online research
- ❖ Significant percentage of participants did not have enough info to answer

# Parent/Guardian Feedback (2)



## No clear consensus

- ❖ Level of tech integration
  - Technology balance
  - Mixed feedback... too much?  
Too little?
- ❖ Technology access in middle school
  - Chromebook Take Home Program

## Next steps

- Enhance Digital Safety Education (parents and students)
- Review Levels of Technology Integration
  - ◆ Address Screen Time Concerns
- Improve Parental Communication
- Evaluate Take Home Program

# Staff Feedback



## Positives

- ❖ Digital Citizenship Education
- ❖ Technology tools provided to staff
- ❖ Equitable access to technology for students
- ❖ Cambrian Tech Team efforts
- ❖ Integration of tech in curriculum

## Concerns

- ❖ Digital Citizenship and Safety Education - lack of depth
- ❖ Integration of curriculum with technology - not seamless
- ❖ Support with tech integration in the classroom
- ❖ Involve parents more on responsible and safe tech use

# Staff Feedback (2)



## No clear consensus

- ❖ Quality/reliability of tech
  - Varied depending on level of use, site, etc.
- ❖ Teacher training and support

## Next steps

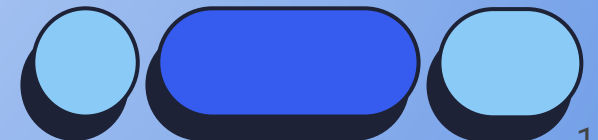
- Teacher support & training
  - ◆ Enhance Digital Citizenship and Safety Education
  - ◆ Tech integration including curriculum
- Engage parents in digital safety topics
- Continue to evaluate and improve tech infrastructure, devices & endpoint security



# 3

# Moving Forward

- Budgeting
- Technology Plan 2025-30 Revision Timeline
- 2024-25 Priorities





# 3 Year Tech Budget



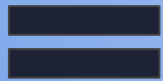
## Tools/Platforms Annual Costs

<i>Tools/Platforms Categories</i>	Annual Cost
Communication	\$39,500
Network Infrastructure	\$353,632
Staff Support	\$123,263
Student Information	\$120,316
<b>Grand Total</b>	<b>\$636,711</b>



## Hardware Updates

<i>SUM of Approximate Replacement Cost</i>	<i>EOL Date</i>			
<i>Hardware Category</i>	2025	2026	2027	Grand Total
<b>Classroom Equipment</b>	\$120,000	\$188,000	\$20,000	\$328,000
<b>Network Infrastructure</b>	\$530,000	\$440,000		\$970,000
<b>Student Devices</b>	\$95,550	\$51,000	\$1,411,875	\$1,558,425
<b>Grand Total</b>	<b>\$745,550</b>	<b>\$679,000</b>	<b>\$1,431,875</b>	<b>\$2,856,425</b>



	2025	2026	2027
<b>Tools/Platforms</b>	\$636,711	\$636,711	\$636,711
<b>Hardware</b>	\$745,550	\$679,000	\$1,431,875
<b>Total</b>	<b>\$1,382,261</b>	<b>\$1,315,711</b>	<b>\$2,068,586</b>



# Tentative Timeline for CSD Technology Plan 2025-30 Revision

Sep 2024

- Gather input from internal and external sources, surveys, etc.
- Recruit committee members

Nov 2024

- Create draft proposal plan
- Hold committee meeting(s)

Jan 2025

- Update draft
- Hold committee meeting(s)
- Internal review

Mar 2025

- Internal review
- Finalize draft

May 2025

- Finalize plan
- Present to Board







# Priorities

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1. **AI PD and Policies**
2. **Data Dashboard: EduClimber integration**
3. **Support Science Curriculum adoption**
4. **Enhance Digital Citizenship and Safety Education**
  - a. Parent engagement
  - b. Teacher support/training
  - c. Curriculum/resources
5. **Tech integration including curriculum**
6. **Continue to evaluate and improve tech infrastructure, devices and endpoint security**
7. **Address Screen Time Concerns**
8. **Evaluate Take Home Program**
9. **Complete Technology Plan 2025-30 Revision**



**Thank you!**

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