# CSD Technology Plan 2021-22 Update

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**April 21, 2022**

# ✅ Overview

## Agenda

⊙ CSD Technology Plan Overview

⊙ Tech Plan Update
  1. Digital Curriculum, Tools, Data and Assessment
  2. Instructional Practices & Professional Learning
  3. Infrastructure, Hardware and Security

⊙ Funding Technology

# CSD Technology Plan Overview



Initiative 1: Digital Curriculum, Tools, Data & Assessment

Initiative 2: Instructional Practices and Professional Learning

Initiative 3: Infrastructure, Hardware, and Security
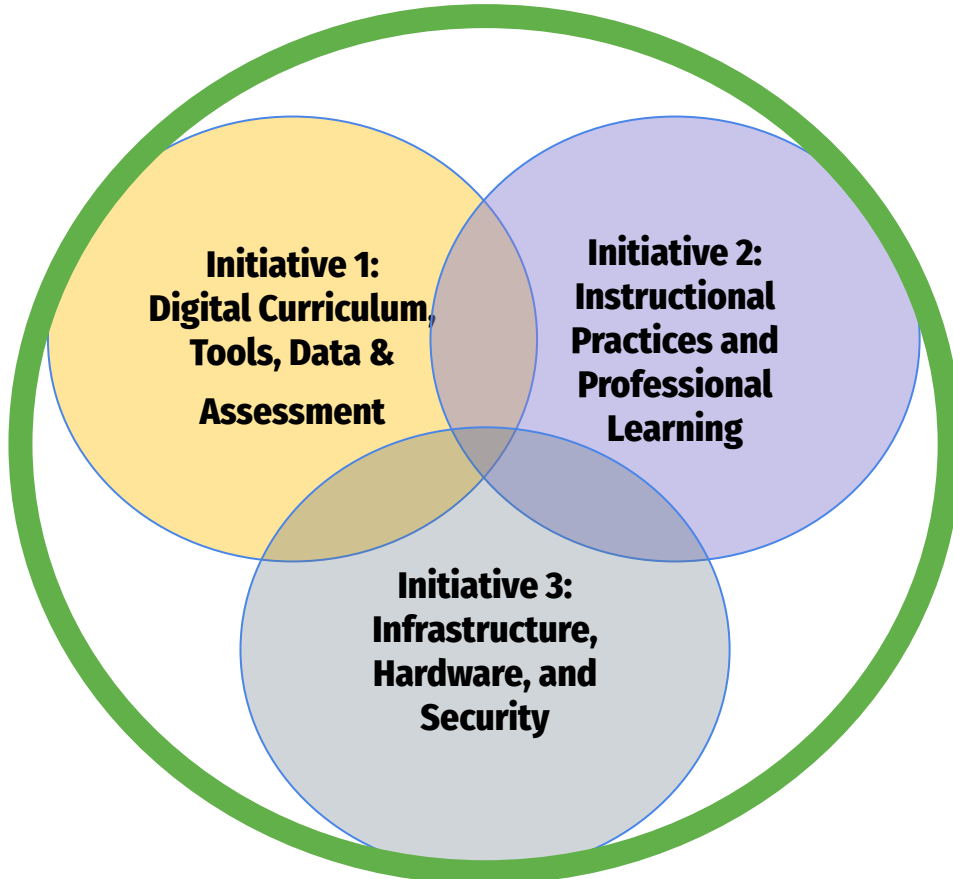
- [CSD Technology Plan](#) contains three initiatives and spans five years.

- CSD Board approved Tech Plan on May 2019
  - Did not include approval for funding

- CSD Technology Plan stipulates a [yearly review](#) of progress in the spring with a Technology Committee
  - Held March 31, 2022

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

## Vision: Empowering Student Learning Through Technology

- Data Dashboard implemented (Year 1)

- Support implementation of digital curriculum, assessments, and tools

- Supported Grade-level Team Professional Learning Communities (PLC)

- Vetting digital tools for student data privacy (Year 3): App Responsibly!

- Digital Citizenship Curriculum (Year 2): Common Sense Media Digital Citizenship Curriculum

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

**Looking Forward:**
**Priorities for Recommended Inclusion in 2022-23 CSD LCAP\***

- Evaluating Effectiveness of Digital Tools in the Classroom

- Fully implement Data Dashboard - Roll out to teachers

- Improve integration of [Digital Citizenship Curriculum](#) grades TK-8 with PBIS

- FastBridge Universal Screener
  - Continue supporting PLC meetings + incorporate Progress Monitoring tools

\*Local Control and Accountability Plan: The LCAP is the district plan for all programs and services.
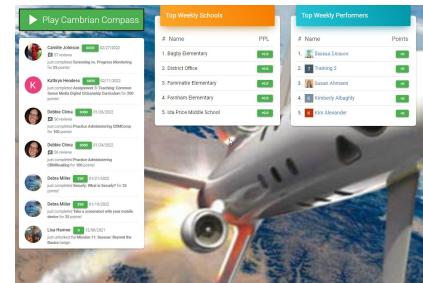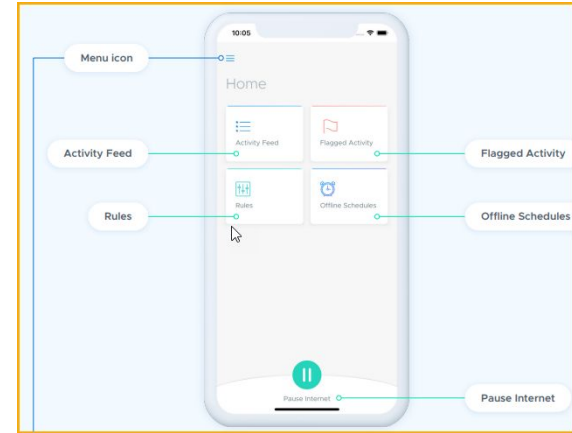
# Initiative 2: Instructional Practices and Professional Learning

## Vision: Teaching with Technology and Learning to Teach with Technology

- **TIMS (Technology Integration Mentors) Team**
  - Learning First Through Technology
  - Improve student learning through tech integration
  - Improve equitable access to technology for ALL

- **Monitor student devices and accounts - Securly**
  - Classroom monitoring of digital activities
  - Filter access to the Internet
  - *Middle School Take Home Program:* **Securly Home app**

- **Digital professional learning platform**: Alludo

# Initiative 2:
# Instructional Practices and Professional Learning

## Looking Forward: Priorities for Recommended Inclusion in 2022-23 CSD LCAP*

1. **Professional development focus**
   - Explicit, consistent teaching of digital citizenship (TK-8)
   - Provide PD through multiple modes: self-paced (Alludo), peer presented, etc.
   - Choice and voice in professional development offerings

2. **Tech standards ([CSD TSS](#))**
   - Revise based on new CA Computer Science standards; implement through TIMS

3. **Technology and Innovation Fellowship Program: TIMS**

4. **Monitor student device and accounts - Securly**
   - Improve app rollout to middle school parents
   - Implement on iPads and MacOS devices based on need

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# Initiative 3:
# Infrastructure, Hardware, and Security

## Vision: Enabling Access and Safe, Effective Use of Technology

- **Student Devices**
    - 1:1 (student:Chromebook) ratio grades 2-8
    - 3:1 (student:iPad) ratio grades TK-1
    - Middle School Student Device *Take Home Program*
    - 6% repair rate (excluding keyboard defect)

- **Review network security infrastructure**
    - Implemented two-factor authentication
    - Cloud Backup: Adding secondary backup system

- **Improve remote support processes and mobile device management (MDM) software**

| Chromebook Problem | Count | % of Total |
|---|---|---|
| CAMERA | 6 | 2% |
| DAMAGED CASING | 6 | 2% |
| DISPLAY | 73 | 21% |
| KEYBOARD (Manufacturer defect) | 192 | 56% |
| OTHER | 16 | 5% |
| POWER | 37 | 11% |
| SCREEN DAMAGE | 2 | 1% |
| TOUCH PAD | 8 | 2% |
| **Grand Total** | **340** | |

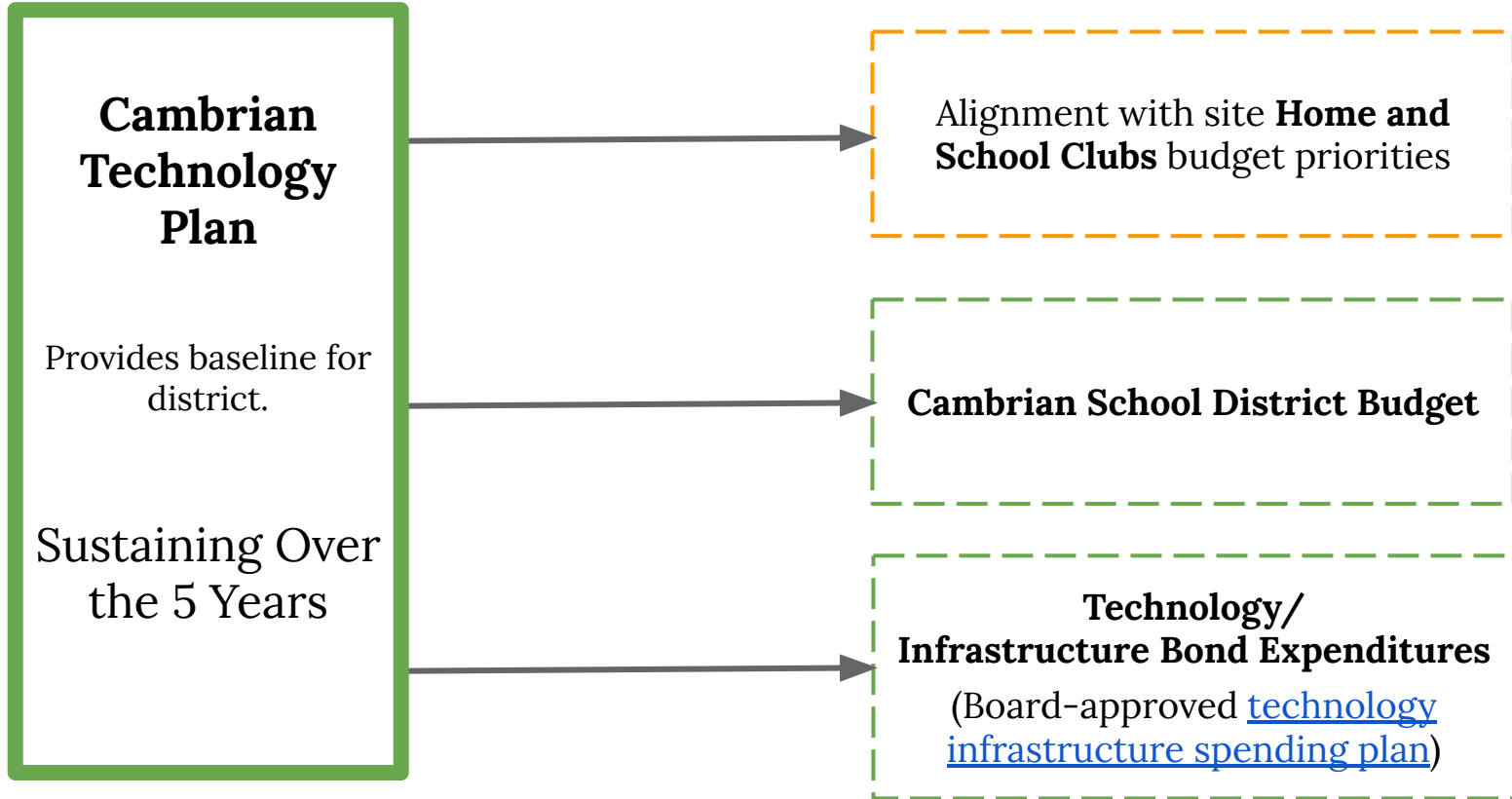# Initiative 3:
# Infrastructure, Hardware, and Security

**Looking Forward: Priorities for Recommended Inclusion in 2022-23 CSD LCAP\***

1. **Cloud Backup:** Adding secondary backup system

2. **Staff Macbooks:** Refresh

3. **Evaluate device ratios and Take Home Program**

4. **Site visitor system implementation**

5. **Server rooms:** Improve surveillance and temperature monitoring

6. **Redundancy options for Internet and Phone Service**

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# **Funding Technology**

**Cambrian Technology Plan**

Provides baseline for district.

Sustaining Over the 5 Years

Alignment with site **Home and School Clubs** budget priorities

**Cambrian School District Budget**

**Technology/ Infrastructure Bond Expenditures**

(Board-approved technology infrastructure spending plan)

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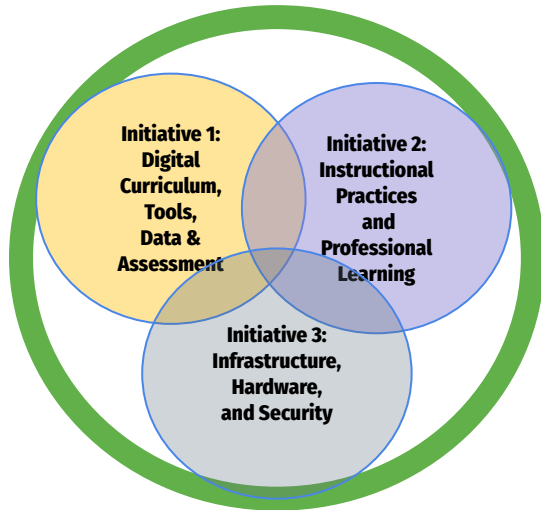
## Resources

- 2022 Annual Technology Plan Review

- CSD Technology Plan

Thank you!