

Department of Innovation and Technology Department Update

April 09, 2025

Board of Education Meeting



DoIT INNOVATION CATEGORIES



Implement learning acceleration and programming

IDENTIFY THE ROLES DIGITAL TOOLS AND 1:1 ENVIRONMENT HAVE IN SUPPORT OF LEARNING ACCELERATION



CHROMEBOOKS

- Evaluate the current 1:1 structure at the elementary level
 - Chromebooks are used daily across the system
 - 55 min. a day is the avg. time spent
 - Parents have the ability to limit at home device usage through Lightspeed content filter
 - Starting in the 2025 SY YouTube will be blocked grades K-5 & parents 6-12 will have the option to opt out of YouTube per Google's parental consent requirement



CHROMEBOOKS

- Evaluate the current 1:1 structure at the elementary level
 - Block scheduling makes it hard to share devices
 - Biggest current use case is for computer literacy practice and supplemental skills practice
 - Standardized testing is now largely digital
 - ML & SPED accommodations utilize digital devices
 - eLearning plan leans heavily towards every student having a device



CHROMEBOOKS

SCREEN TIME DISCUSSION

- ACTIVE VS PASSIVE SCREEN TIME
- GENERALLY OLDER STUDENTS USE CHROMEBOOKS MORE THAN YOUNGER STUDENTS
- CONTINUE TO EDUCATE FAMILIES ABOUT THEIR ROLE IN RESPONSIBLE SCREEN TIME AT HOME
 - LIGHTSPEED PARENT PORTAL
 - OUT OF SCHOOL SCREEN TIME TENDS TO BE RIGHT BEFORE SCHOOL AND RIGHT AFTER SCHOOL
 - 7-9 AM
 - 4-6 PM



DoIT INNOVATION CATEGORIES



**Develop implementation resources
Aligned with our Portrait of a Graduate**

**IDENTIFY DIGITAL TOOLS THAT ARE ALIGNED TO EACH
DESCRIPTOR**

**IDENTIFY HOW AN INNOVATIVE 1:1 ENVIRONMENT CAN CREATE
OPPORTUNITIES FOR STUDENTS TO INCREASE THEIR EXPOSURE
TO EACH DESCRIPTOR**



AI EDUCATION

- Address the responsible use of artificial intelligence by staff and students to support Portrait of a Graduate characteristics
 - CUSD200 has notified all staff of Responsible & Ethical Use Guidelines (students as well 6-12 if using tool as part of class or exploration)
 - Creation of AI Explorer Cohort K-12
 - K-5 - exploring teacher use
 - 6-12 = exploring teacher *& student* use
 - MS classroom letter sent home
 - Gemini communication sent home to HS families



AI EDUCATION

- Address the responsible use of artificial intelligence by staff and students to support Portrait of a Graduate characteristics
 - Gemini turned on for HS only
 - If any teacher is using any other student facing AI tool
 - Data privacy
 - Age requirements
 - Transparency
 - Full control of access dictated by teacher
 - Any feedback given by a tool is for formative feedback only



AI EDUCATION

- What's NEXT?

To be addressed:

- Continue cohort model and look for potential expansion
- We are seeking to answer the question “Does AI actually do what companies tell us it can do, well”
- AI is evolving and changing too rapidly for CUSD200 to, at present, sign on with a tool district wide.



DoIT INFRASTRUCTURE CATEGORIES



Develop and maintain robust technology systems

ANNUALLY ASSESS THE STABILITY AND SECURITY OF DISTRICT TECHNOLOGY SYSTEMS

ENSURE COMPREHENSIVE DATA SYSTEMS ARE ACCESSIBLE AND USABLE FOR STAFF

REGULARLY EVALUATE DIGITAL TOOLS AND SUBSCRIPTIONS TO ENSURE THEY ARE MEETING THE NEEDS OF THE SCHOOL SYSTEM AND ARE ALIGNED WITH STRATEGIC WORK



VISION 2026 WORK



Develop and maintain robust technology systems

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STABILITY AND SECURITY

- CUSD200 participated in a half day table top exercise facilitated by CISA re: a fictitious cyber incident
- CUSD200 implemented network monitoring tools
- Continue ongoing cybersecurity education and phishing campaigns with CUSD200 staff
- Implementation of camera and door access system districtwide



STABILITY AND SECURITY

What's NEXT:

- Investigate software that will perform regular penetration testing
- Monitor Federal Gov. funding of CISA (CISA provides many gov. bodies with free tools and services for cybersecurity)
- Investigate the financial viability of bringing on a SIEM/SOC solution
 - SIEM: Software that gathers logs from any of our network monitoring software and makes sense of it
 - SOC: real time 24/7 monitoring of our network by a human particularly during off-hours



VISION 2026 WORK



Develop and maintain robust technology systems

ANNUALLY ASSESS THE STABILITY AND SECURITY OF DISTRICT TECHNOLOGY SYSTEMS

ENSURE COMPREHENSIVE DATA SYSTEMS ARE ACCESSIBLE AND USABLE FOR STAFF



COMPREHENSIVE DATA SYSTEMS

- ASSESS AREAS OF NEED FOR INNOVATION AND RELIABILITY IN DISTRICT SYSTEMS
 - Continue to refine our online registration process
 - Continue to look for ways to automate crucial systems
 - Transition to a new helpdesk and asset management system
 - Better end-user experience
 - Better tracking of cost to repair and maintain district assets (chromebooks)
 - Has capability to create synergy with facilities and HR workflows



Questions?

