

CUSD Technology Overview





Technology Overview

- Who we are
 - The Team
- Technology Structure
 - The Nuts & Bolts
- Operating Budget
 - Where the money goes
- Technology Trends in K12 & CUSD
 - Where our peers are vs where we are



The Tech Department: Who We Are

Jeremy Miller

- Director of Information Technology

Andrew Lemenager

- Data Technology Specialist

Lisa Nilsen-Raymond

- Technology Support Specialist



The Tech Department: What We Do

Andrew Lemenager - Data Reporting, CALPADS, CELDT(ELPAC), Infinite Campus, Illuminate, SAT/ACT, NutriKids, ASES Attendance Report, CRDC, CBEDS, SEIS, CAASSP State testing, Webmaster

Lisa Nilsen-Raymond - Hardware repair, Inventory Management, New User Account Management (Google, Active Directory, Renaissance, Infinite Campus, Illuminate, Clever) Hardware deployments, Copier Management, Phone System Management, WiFi,

Jeremy Miller - Manage and Support the Team, Direct technology decisions to meet the needs of staff, students and faculty; Train; create and manage report cards in Illuminate, Technology purchases, Security Camera management, Bells & Intercoms



The Tech Department: Who We Support

4 Buildings

1500+ Students

185+ Staff & Faculty



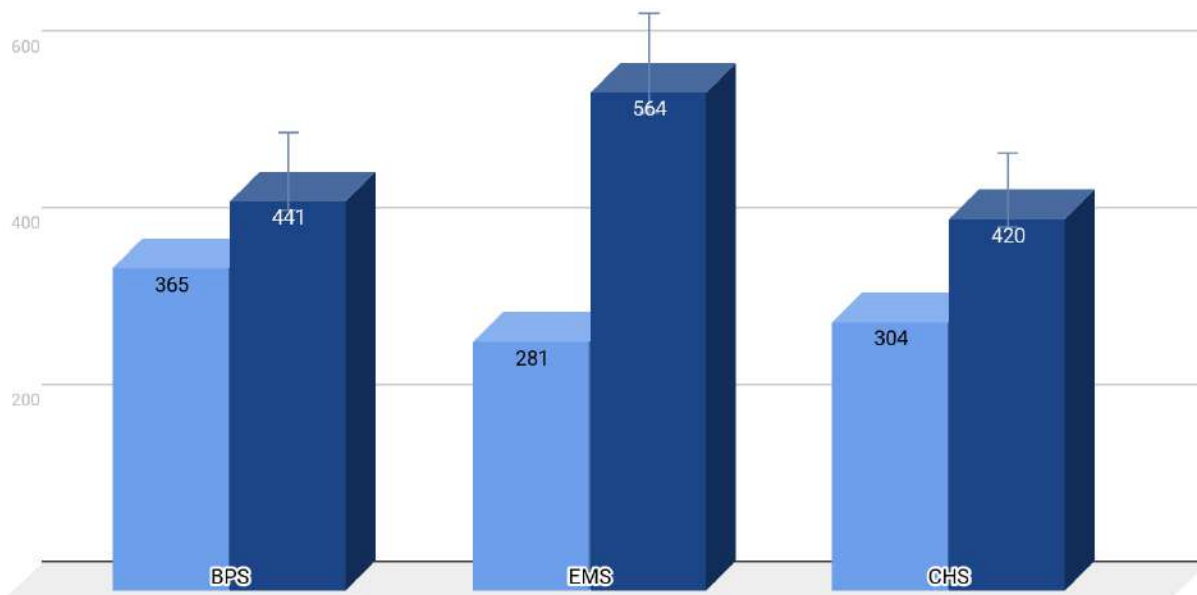
The Tech Department: What We Support - Hardware & Extras

993	- Chromebooks/Student	- Crosswalk Signals
Machines		- LED Signs (H.S. & M.S.)
123	- Staff & Admin Machines	- Bells & Intercoms
3	- Servers	- Security Cameras
39	- Switches	- Live Streaming Events
96	- Projectors	- Print Shop
63	- Networked Printers/Copiers	
184+/-	- Phone Handsets	

The Tech Department: What's that look like?

Devices to Student Ratio

Student Devices Enrolled Students





The Tech Department: What We Support - Software & Services

Microsoft Office*

Illuminate

VEEAM Backup*

iBoss Content Filter*

Rosetta Stone*

Fortinet Firewall*

Destiny/Follett Library SW

Renaissance AM/AR

Blue Bear TRACKS

Ruckus Diagnostics

SchoolLoop Web Hosting

Lexia

CCOE QSS*

SolarWinds (switching to different sw)

Infinite Campus - SIS

CCOE CEWAN

Stormwind Online Technical Training

Document Tracking Services

Frontline/Aesop

Inland Print Management

Scanning CUM Folder Project

* Shared applications throughout County via CEWAN



The Tech Department: Student Data Management Software

Current Design:

- BPS: Infinite Campus - Attendance, Messaging, Student/Household Information, Behavior
Illuminate - Gradebook, Assessment Data
- EMS: Infinite Campus - 7-8 Gradebook, Attendance, Messaging, Student/Household Information, Behavior, Parent Portal
Illuminate - 4-6 Standards Based Report Cards, Assessments, Gradebooks, Parent Portal
7-8 Assessments
- CHS: Infinite Campus - Attendance, Gradebook, Messaging, Student/Household Information, Behavior, Parent Portal
SchoolLoop - Gradebook, LMS
Illuminate - Data and Assessments



The Tech Department: The Budget

Technology Budget to date:

\$15,000 - Conferences, Travel, Training

\$10,000 - General Repairs/Research & Development

\$25,000 - Total for the year

-\$6,000 - Tech Teacher Trainer Stipend

\$19,000

\$10,500 - EMS Chromebook Replacements (35)

\$18,000 - BPS Chromebook Replacements (60)



The Tech Department: The Budget

Technology Reserve Budget to date:

\$30,000_{+/-} - Staff & Teacher Computer Updates (36)

* Remainder of Teacher Computers Updated next year



The Tech Department: The Budget

The Other Stuff:

Phone System

Printers

Servers

Network Switches, Routers & Cabling

UPS

Carts



The Tech Department: What are the trends? What are other districts doing?

5 K12 Trends -

1 - Chromebooks

2 - Blended Learning, Mix of Online/In Classroom teaching environment

3 - STEM/Coding/Robotics(AI)

4 - Single Sign On, Software Unification, Interoperability, Consolidation

5 - Wireless & Cloud based solutions