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

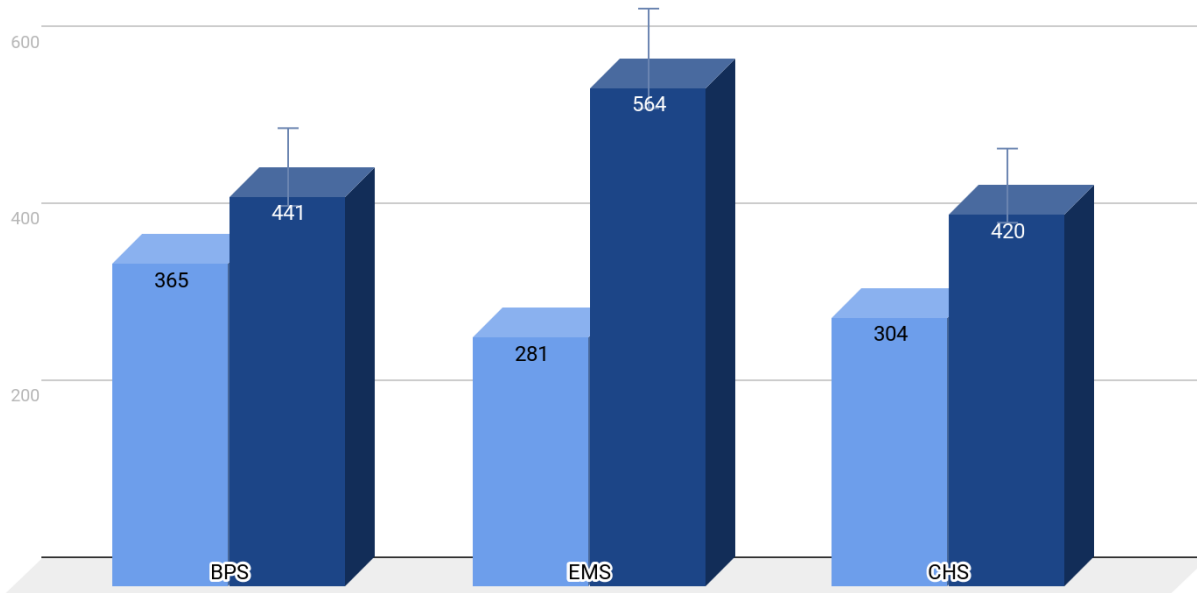# The Tech Department: What We Support - Hardware & Extras

993 - Chromebooks/Student Machines
123 - Staff & Admin Machines
3 - Servers
39 - Switches
96 - Projectors
63 - Networked Printers/Copiers
184+/- - Phone Handsets

- Crosswalk Signals
- LED Signs (H.S. & M.S.)
- Bells & Intercoms
- Security Cameras
- Live Streaming Events
- Print Shop

The Tech Department: What's that look like?

Devices to Student Ratio

■ Student Devices   ■ Enrolled Students

BPS: Student Devices 365, Enrolled Students 441
EMS: Student Devices 281, Enrolled Students 564
CHS: Student Devices 304, Enrolled Students 420

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