

2021-22 STATE OF TECHNOLGY
OCT 14, 2021

BOUSD IT Dept

Derrick Chan - Admin Director, Technology Services



The iTeam

- Josh Barton - Network and Systems Specialist
- Jeff Sandoval - IT Technician
- Desmond Nguyen - IT Technician
- Ron Vasquez - IT Technician
- Omar Muñoz - CALPADS/SIS Data Analyst



Our Values

WHO WE ARE

G - Growth Mindset

E - Empowering One Another

E - Engagement with Our Customers

K - Keep Learning

The Focus?
Flexibility

- Mobility - Work/Learn Anywhere Anytime
- Accessibility to Data
- New Methods for Work, Teaching and Learning



BOUSD Technology
Journey Through the Years

1 — 2 — 3 — 4

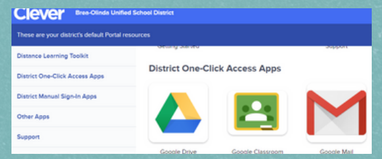
2016
"PLANTING THE SEEDS"

- 1200 Chromebooks
- <1000 Apple Devices
- 500 Windows based
- 500 Mbps Bandwidth
- The Beginnings of Automation
- Laurel 21st Century Classrooms



2017
"BUILDING THE HIGHWAY"

- 2000 Chromebooks
- Increased Bandwidth to 1 Gbps
- Network and Server reconfiguration for efficiencies and security
- Clever Web Portal



2018
"IF YOU BUILD IT THEY WILL COME"

- >3000 Chromebooks
- 60% bandwidth utilization
- Falcon Academy Code to the Future
- Launch of the Aeries Online Enrollment

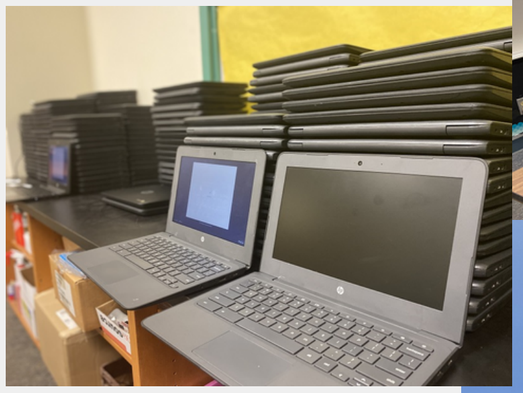


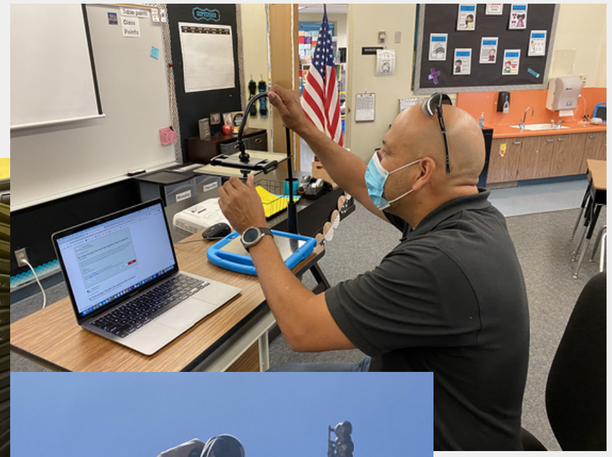
2019
"A YEAR OF GROWTH"

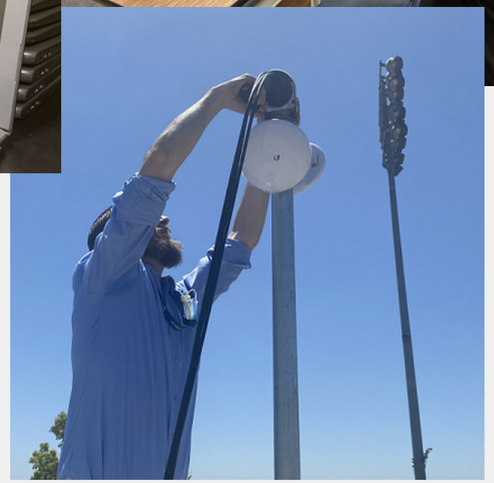
- >4500 Chromebooks
- 75% bandwidth utilization
- Viewsonic Interactive Screens at Arovista
- BOHS ESports Club



2020







Distance and Hybrid Teaching/Learning

Distributed 350 MacBook Airs for teaching staff.

Prepared and Distributed over 3500 Chromebooks and 100 hotspots

Setup hybrid classroom technology including, document cameras, microphones, web cameras and external monitors

Increased internet bandwidth for all school and office sites.

Extended WiFi access to BOHS athletic field for graduation ceremonies.

Reconfigure Aeries to track in-person and distance learning attendance.

Redevelopment of Automation Scripts



TODAY

Technology by the Numbers

Over 1800

Over 5500

Over 1000

Over 90

Over 300

Over 40



TODAY

Projects

Country Hills VoIP Phones and Bell System

Brea Junior High VoIP Phones

Districtwide Wireless Access Point Upgrade

Network Core relocation to OCDE for Improved Business Continuity

Improved workflow and processes in each Dept.

THE FUTURE

Cybersecurity

Districtwide Phone and Bell System Upgrades

More automation

Supporting New Instructional Programs

Expand of Instructional Technology Tools

Classroom Technology Improvements




QUESTIONS

THANK



YOU