

Board Update

Henderson County Schools - Technology

4/16/2018



HCS Technology Dept. Facts

13 Schools, 3 support locations	10 Technical Support Staff
4,647 Chromebooks	2 Instructional Technology Staff
3,663 Windows Devices	
1,023 iPads	





(2021- Beyond)

- Refresh device cycles
- Additional training

(2020-2021)

- Expand K-2 Pilots to full 1:1 implementation
- Continued Embedded training for teachers

(2019-2020)

- Finish Rollout Grades 3-12
- Continued Embedded training for teachers
- Expand K-2 Pilots...

(2018-2019)

- Continue rollout to 3 additional grades
- Continued embedded training for teachers
- K-2 Pilots ...

(2017-2018)

- Perpetual "as needed" infrastructure upgrades
- Begin official rollout to approximately 3 grade levels
- + Tech Support staff to support each school
- Continued embedded training for teachers
- Explore K-2 pilots

(2016-2017)

- District Accessible Use Policy rewrite
- Digital Citizenship (DC) Curriculum implementation
- Continued infrastructure upgrades
- Expand Chromebook Pilot to additional teachers
- Roll Chromebooks to Teachers + embedded training

(2015-2016)

- Continued infrastructure upgrades
- TB21 beta (aka: Chromebook Pilot, 11 teachers, all schools except ELC/CA, training)
- District and building leaders (Chromebooks / training)
- Google training for teachers

Pre (2015-2016)

- Infrastructure upgrades (speed / capacity)
- Interactive whiteboards (Smart / Promethean)
- BYOD / Student desktops
- TB21 Pilot (7 teachers / secondary / multiple device types / PD)

Initiatives

1:1 Computing Initiative

1:1 Deployed @ NMS, SMS, & 5th Grade 2017-2018 School Year

1:1 planned for HCHS & 4th Grade 2018-2019

Infrastructure Refresh

Network infrastructure refresh completed 2017-2018 School year

- 460 Wireless Access Points
- 182 Network Switches
- 2 Routers

Cloud Storage Migration

Specific file shares migrated to Google Cloud reduces datacenter storage requirements by 40% Savings of \$18,000/yr.

Initiatives Cont.

Safe Schools & Technology

160 Security Cameras Deployed

Access Control/Secure Entrances

Safe Alerts for Web Browsing and Social Media

GoGuardian Chromebook filtering

Digital Parenting Videos

Strengths

- WAN Circuits HMP&L Partnership
- E-rate Program
 - 90% Reimbursement for HMP&L Circuits
- Investments in network infrastructure.
- Dedicated faculty/staff
- Professional Development Opportunities
 - KYSTE, KyGoDigital, HECC
 - G-Suite Certified Staff (76)
 - Dedicated Digital Learning Coach
- High Speed internet connection supplied by KDE/AT&T 1Gbps up/down.
- Our students



Student Engagement

[1:1 Pictures](#)

[Google Expeditions](#)



Growth Opportunities

Professional development/training for faculty & staff.

Rapid advances in technology means we must always focus on continuous learning.

Access for students at home. 18% Have no access to Internet or Wi-Fi at home.



Questions?

