Elevate Learning

1 to 1 Devices in the CHS Classroom
Wireless and Wiring Infrastructure Project
Infrastructure Goals

1. Bring Ethernet (cabling) to current standards (1055 drops at CHS)

2. Reach ideal wireless density:
   a. One wireless access point (“WAP”) per classroom
   b. Additional coverage in common areas
   c. 136 WAPs at CHS

3. Then RMS, BGS, BMS
Wireless Access Points (WAPs)
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<th>Project Estimate:</th>
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<td>● $587,000 E-Rate eligible portion</td>
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<td>● $615,000 total wiring/wireless</td>
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Timeline
Wireless/Wiring

CHS Completion Goal: August 1, 2016

**APRIL**
- Begin **wiring** install
- Purchase **wireless** controllers

**MAY**
- Continue **wiring** install
- Configure and test **wireless** controllers with a few access points (WAPs)

**JUNE**
- Continue **wiring** install (ramp up as school ends)
- Continue configuration and testing of **wireless** system

**JULY**
- Complete **wiring** install
- Plug in **wireless** access points (1 week)
CHS 9th and 10th Grade Technology

Key Components

Wired/Wireless Infrastructure
1:1 Chromebooks w/ cases
Teacher Laptops
Classroom Projectors
CHS 9th Grade Technology

Stakeholders

Clint Cogswell, Concord School Board
Jack Dunn, Business Administrator
Pam McLeod, Technology Director
Kaileen Chilauskas, Asst Principal
Justin Bourque, Technology Integrator / Teacher
Helen Dugan, Library Media Specialist
Nicholeen McDonough, Parent
Dan Kaplan, Parent
Faith Mark, Student
1:1 vs BYOD Devices Pilot
The Pilot

Essential Questions - Comparing 1:1 to BYOD in 9th Grade Classrooms

1. How might students use their own devices (BYOD) effectively in the classroom?

2. If provided a device (1:1 scenario), what are the learning outcomes?

3. Will Chromebooks meet the needs of our Math and Science classrooms?
4. How will teachers adjust to devices and what is the learning curve for use of Chromebooks?

5. How will taking a device home benefit students, and how much damage can we expect?
The 1:1 vs BYOD Pilot - Framework

- Four classrooms: Math, Science, ELA, History
- Two BYOD classrooms
- Two 1:1 classrooms
- Allow 1:1 students to take the device home
- Six weeks (extended)
The 1:1 vs BYOD Pilot - Results

- “Wild west” BYOD is not effective
- Teachers in 1:1 classrooms asked to extend pilot
- Take-home results in some damage
- Very quick evolution of classroom
What do the students think?

“Did the devices help you ...”
Organize your work?

Responses from the two pilot classes (approximately 30 students)
Communicate with your teacher?

Responses from the two pilot classes (approximately 30 students)
Find and catch up on missing work?

Responses from the two pilot classes (approximately 30 students)
Data Analysis?

Responses from the two pilot classes (approximately 30 students)
Find your own answers to the questions you have?

Responses from the two pilot classes (approximately 30 students)
Collaboration and Analysis
Students evaluate a piece of writing

Paragraph Evaluation
Your username (jbourque@concordhsschools.net) will be recorded when you submit this form. Not jbourque? Sign out
* Required

What was your Topic Sentence *
Copy and paste the first sentence from your paragraph.

What themes & evidence did you identify?
List the themes that you identified and the evidence that you used

What was you concluding thought?
Copy and Paste the last sentence from your paragraph.
Students review each other’s work

Peer Review Claims/Examples

Rate each claim and the examples that come with that claim on a 1-3 scale

* Required

Claim 1: "If you are looking close at the same thing it shows the smaller things being paved for progress and if you look far away you look at it it shows the bigger things being paved for progress."

1 2 3

Examples 1: "You make a business and if you look closely you see that you made it successful or unsuccessful. If you look far away you can see the future of the business for example it turns into a franchise."

1 2 3

Claim 2: "As you look at something from different perspectives things change by how you see them."

1 2 3
Students analyze the work of the entire class

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<td>Examples 1: &quot;You make a business and if you look closely you see that you made it successful or unsuccessful, if you look far away you can see the future of the business for example it turns into a franchise.&quot;</td>
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