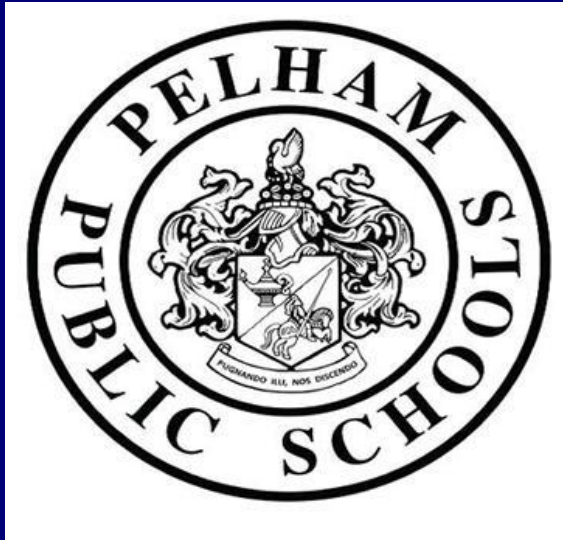


Update on 1:1 Chromebook Initiative



March 15, 2016

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*If we teach today as we taught yesterday,
we rob our children of tomorrow.*

JOHN DEWEY
(1859-1952)

Chromebook Market Share

Chromebooks account for 53 % of the market for K-12 devices bought by schools and school districts (2015), *up from less than 1 % in 2012.*

<http://www.cnn.com/2015/12/03/googles-chromebooks-make-up-half-of-us-classroom-devices.html>

Objectives of Presentation

- **Provide an update of the Google Apps for Education/Chromebook (2nd Full Year of Implementation)**
- **Address questions regarding the status GAFE/Chromebook program**
- **Share next steps with respect to the GAFE/Chromebook program**

Objectives of Chromebook / *Google Apps for Education* Initiative

- 1. Improve the teaching and learning environment by providing:**
 - teachers with professional development that effectively leverages the Google Apps for Education platform**
 - students 24/7 access to resources found on the World Wide Web through a low cost mobile learning platform (Chromebooks)**
- 2. Utilize District technology resources in a more efficient manner while remaining flexible and responsive to the ever changing nature of instructional technology.**

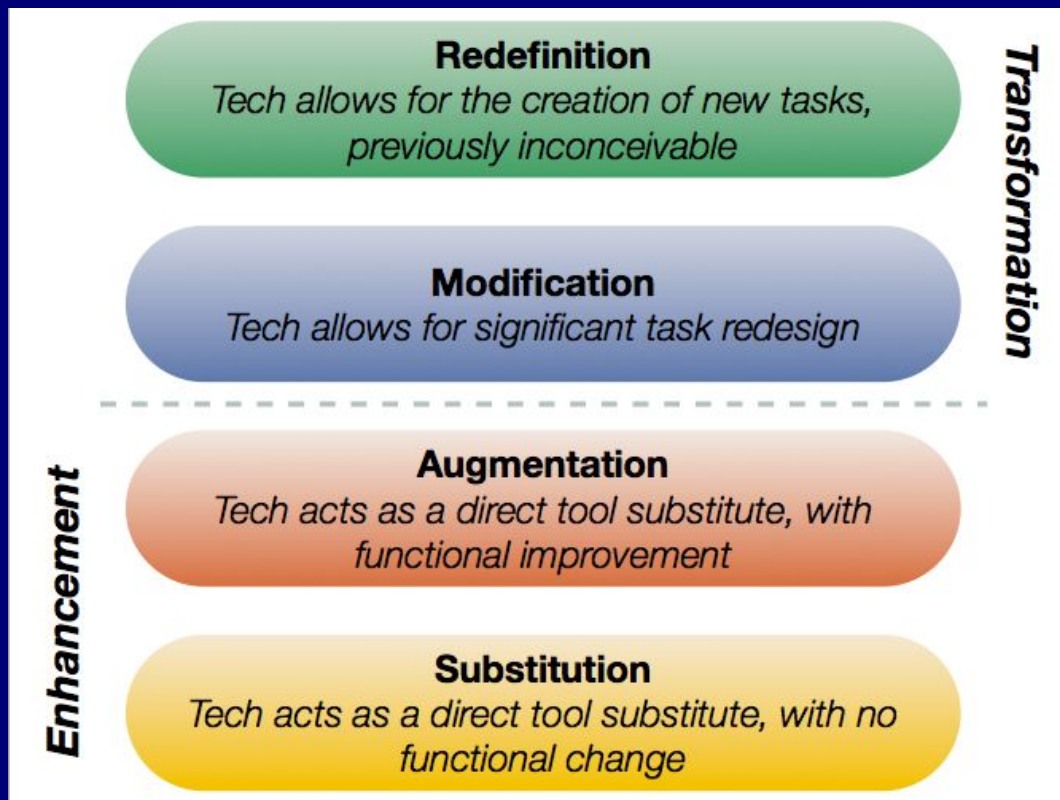
Implementation Timeline

- **Investigative Phase:** *Winter/Spring 2014*
- **Implementation & Deployment (Gr. 8 & 9):**
Summer-Fall 2014
- **Expansion (Gr. 10 & 11):** *Summer-Fall 2015*
- **Expansion Recommendation (Gr. 7 & 12):**
Summer-Fall 2016

Significant Events Since December 2014

- **Cloud Print Configuration**
- **Pelham App Domain**
- **Enhanced Reporting**
- **Continued training**
- **Continued monitoring of infrastructure**

What is *Transformative Technology Integration: SAMR*?



Spring 2016 Survey Results

- **Surveys sent to 8th-11th Parents, Students, and Teachers**
 - **80 parent, 137 student, and 19 teacher responses**
- **Unless noted, responses indicate % of those who “Strongly Agreed” and “Agreed” with statement**

Learning experiences are more engaging as a result of Chromebooks / GAPE.

- **66 % of students agree**
- **79 % of teachers agree**
- **66 % of parents agree**

The District provided with opportunities for *continued professional development* or *support* in using the devices/platform.

- **83 % of teachers agree**
- **64 % students agree**

Chromebook / GAPE improves student organizational skills.

- **68% of students agree**
- **60% of parents agree**
- **32 % of teachers agree (37 % no opinion)**

GAFE/Chromebooks are used frequently in the classroom.

- **63 % of teachers agree**
- **69 % of students agree**
 - **Classes where students report most frequent use:**
 - 1. English**
 - 2. Science**
 - 3. Social Studies**

The Chromebook program has benefited children in meaningful and engaging manner.

- **80 % of students agree**
- **82 % of parents agree**
- **79 % of teachers agree**

My child's/children's privacy is being respected when using the Chromebook/GAFE.

- **78% of parents agree**

I (parent) believe my child uses the Chromebook appropriately while in school/class.

- **87 % of parents agree**

How often do you (student) use your Chromebook during class?

- **70 % often / very often**

I (teacher) provide opportunities for students to utilize the Chromebook in my classroom with the following frequency:

- **63 % often / very often**

The Chromebook/GAFE program should continue / expand.

- **88 % of students agree**
- **75 % of parents agree**
- **69 % of teachers agree**

“Power User” Testimonials

- **Jason Lindley (Science) - Data Analysis**
- **Marc Sirico (Social Studies) - Student Voice/Collaboration**
- **Rose Hogan (Sp Ed) - A Special Educator's View**
- **Laura Calabrese (Science) - Student Engagement**
- **Dana LaRose (Science) - Personalization/Accountability**

Suggestions for Next Steps

- Define “effective Chromebook use” for students and teachers (it may look different)
- Develop a **Chromebook “Think Tank”** of teacher and students representatives to better monitor needs and improve effective use in the classroom
- Explore how the IB MYP experience can advance effective Chromebook use
- Expand knowledge of GAPE best practices