

TO: Mike Riggle  
FROM: Ryan Bretag  
David Jakes  
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RE: Digital Learning Report  
DATE: May 2, 2013  
CC: Board of Education

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The findings of the digital learning pilot will be presented at the May 6 board meeting. Teachers and students involved in the pilot will share their experiences. Two options for an expanded digital learning pilot will be presented to the Board. Dr. Ptak and Mr. Thimm researched options for implementing the expanded pilot. The funding for this expanded pilot is outlined on the following page. The administration is recommending **Option 1**. Parents would be asked to pay \$40/year for insurance and extended warranty on the device.

### **Purpose**

The third-quarter digital learning pilot had the following goals related to teaching and learning:

- 1 Identify the impact of a digital learning environment on instruction
- 2 Explore differences in the classroom experience with the shift to digital resources and applications - digital textbooks, online resources, Google tools, Internet, and social media
- 3 Explore the teaching and learning experience shaped by the infusion of a standard device in the classroom
- 4 Understand the impact of digital learning on student engagement

### **Second Semester Pilot Overview**

- In the pilot courses, students were issued a device (Chromebook or Nexus 7 tablets) by the district for daily use: bring to pilot class, take home, and utilize in other non-pilot classrooms at the teachers' discretion.
- Total *Classroom/Student Numbers*: 12 classrooms, 13 teachers, and nearly 300 students across multiple levels, grades, and disciplines
- Total *Hardware Numbers*: 300 Devices (150 Chromebooks; 150 Nexus 7s)
- Students and teachers had the opportunity to evaluate the Chromebook and Nexus 7 for a period of six weeks per device.
- Teachers were provided professional development prior to issuing devices to students based upon what was learned in the summer pilot.

### **Evaluation**

The pilot was evaluated using both quantitative and qualitative methods to fully understand the impact of a digital learning environment on engagement. These methods include surveys, observations, and focus groups to triangulate findings against the aforementioned goals.