

BOARD AGENDA ITEM

November 12, 2013

SUBJECT:

Bring Your Own Device (BYOD) Pilot Project at North Augusta High School

BACKGROUND INFORMATION:

With the increase in demand for integrated instruction through the use of technology devices, the district has expanded opportunities for teachers and students in recent years. One option we have not implemented is to have students use their own devices for interactive and virtual learning in the classroom. This pilot would assess the reliability and cost effectiveness of BYOD.

ADMINISTRATIVE CONSIDERATION:

We are using one to one computing on a limited scale in three schools. Based on the cost of this small technology expansion, the cost of district wide implementation would be prohibitive. Therefore, the administration proposes piloting BYOD in one classroom at North Augusta High School to determine if this would be an efficient and inexpensive means of addressing the need for classroom technology.

RECOMMENDATION:

Approve the North Augusta High School BYOD Project

ATTACHMENT:

Pilot program application

PREPARED BY:

King Laurence

AIKEN COUNTY PUBLIC SCHOOLS DIVISION OF INSTRUCTIONAL SERVICES

APPLICATION FOR NEW PROGRAMS OR CONTINUATION OF PILOT PROGRAMS

Please complete the following application when seeking approval to implement a new curriculum or instructional program (grant-supported or otherwise), and when planning to initiate partnerships or collaborative agreements with various community organizations. (This application is available on disk for your convenience. However, a paper copy must be submitted as the official application).

SCHOOL: North Augusta High School

Principal: John Murphy

Application Prepared by: King Laurence

Title of Proposed Program: Bring Your Own Device (BYOD)

Program Beginning Date: November 13, 2013

Program Ending Date: June 6, 2014

I. Evidence of need for such a program:

The need for students to have access to technology in the classroom both individually and in small groups is increasing rapidly. The cost to the school district to provide a device for each student is prohibitive. The majority of high school students either own themselves or have ready access to a smartphone or other interactive device. Allowing students to bring to school and use their own devices would be an efficient and inexpensive means of addressing the need for classroom technology.

II. Specific objectives of program:

The objective of this pilot is to assess the reliability of having students use their own devices for interactive and virtual learning in the classroom. Part of the assessment will be to determine any factors that would interfere with the efficient use of student-owned devices (network compatibility, filters, acceptable use, etc).

III. List ways in which this program supports the school district's educational goals and objectives as outlined in the district's school accountability and strategic plan:

Goal 1: By spring 2014, Aiken County students will demonstrate academic proficiency.
Strategy 6: Improve the availability and consistency of educational technology

This pilot looks at the feasibility of increasing availability of technology in the classroom without significant cost to the district.

IV. Specifically, list how students will gain academic (primarily) and behavioral benefits from the program:

- Students are familiar with their own devices lessening the time needed to get them comfortable with the device and increasing direct instructional time.
- Students have a level of expertise with their own programs and apps making them more productive.
- Students are apt to be more engaged actively in learning through the use of technology
- Students are able to integrate home and school life by having the devices with them at all times. Notes, projects, assignments are readily available.
- Technology use in the classroom more closely parallels its use in the rest of the students' lives.
- Less paper, and closer to a paperless classroom
- Flipped Classroom
- More creation-based assessment (podcasts, stop-motion video, app-based creation) that take less time in the class
- More digital collaboration
- Submitting assignments digitally
- Skype-based projects with people from other schools and out-of-class experts
- Instant blogging

V. Proposed method of evaluation of program objectives:

The pilot will be evaluated by using a combination of classroom observations; surveys of students, teachers, administrators, and parents; review of student products, and impact on the technology infrastructure.

VI. Budget Proposal and Funding Source:

We anticipate that the financial requirements for this project will be to provide an additional wireless access point in the classroom plus any associated cabling and labor costs. It could also be necessary to provide access to a district-owned device for any student who does not have his/her own.

Access Point \$ 650.00

Cabling/Labor \$ 350.00

Devices (iPad) \$6,000.00 (Assuming a need for 10 devices @ \$600 each)

The funding for this project would come from educational technology as part of the technology expansion project or, if necessary, from state supplemental funds.

NOTE: If the program involves mentors or volunteers, please attach the names of the individuals. A reference check should be conducted and documents attached for each individual. The information on the volunteers and mentors are to be maintained in the areas offices. Please put a "D" (for DONE) in the box if the reference data are on the file for each individual.

Date:

Signature of Principal

Signature of Academic Officer
(Indicating Approval)

Signature of Associate Superintendent
for Instruction and Accountability

Signature of Superintendent

OFFICIAL USE ONLY
Level 1 (Action by Administration)

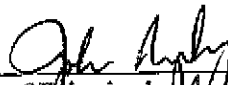
_____ Program proposal returned to school for modification
_____ Program proposal denied
_____ Program proposal approved at Cabinet as the highest level needed for this
program
_____ Program proposal submitted for Board action

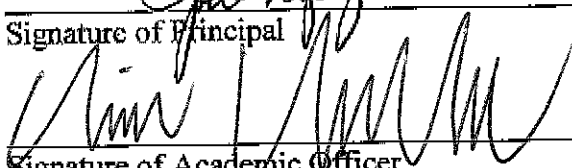
LEVEL 2 (Action by Board)

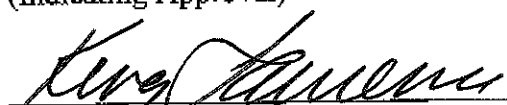
_____ Program proposal denied
_____ Program proposal approved with conditions cited
_____ Program proposal approved

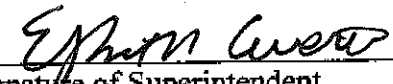
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10-16-13
Date:


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Signature of Academic Officer
(Indicating Approval)


Signature of Associate Superintendent
for Instruction and Accountability


Signature of Superintendent

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LEVEL 2 (Action by Board)

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