



DEPENDENTS EDUCATION COUNCIL

DoDEA Educational Technology



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DEPARTMENT OF DEFENSE EDUCATION ACTIVITY



Agenda

- Bottom Line Up Front
- Background
- Speak Up Survey
- Results-
 - Students
 - Parents
 - Teachers
 - Administrators
- Policy Implications
- Questions/Comments



BLUF

As DoDEA shifts focus to College and Career Ready Standards implementation, purposeful use of educational technology remains important.

Successful implementation of Educational Technology policy and programs require baseline data from stakeholders.

Project Tomorrow's SpeakUP survey can provide baseline data that can be normed across the nation.



Overview

Project Tomorrow is a non-profit organization that has surveyed school communities since 2001 about trends in school technology through the annual SpeakUP survey.

DoDEA acquired permission from OSD and OMB to gather data across the organization in November and December 2014.

The results that follow will help DoDEA make data-driven policy and acquisition decisions.





Survey

- 14,345 Total Surveys Taken
- Over 10,000 Students
- 1900 Parents
- 1700 Teachers
- 139 School Administrators



Results Overview

- DoDEA performed remarkably close to the national aggregate in most all areas.
- Parents, teachers, administrators, and students have similar feelings and experiences.
- The following highlights either depart slightly from national numbers or are key figures in future policy decisions.



Students (n=10,165)

- Less likely than their peers to own a smart phone
- Heavier users of online textbooks
- May experience slow internet at home
- More likely to use online collaborative services
- Would like a “digital backpack”
- Feel slightly more restricted by security and policy



Parents (n=1,915)

- Far more likely to have taken an online class
- Less likely to interact with a school via text message
- Are seeking a comprehensive online portal
- Report near 100% online access at home



Teachers (n=1,713)

- Slightly more likely to use blended learning
- More likely to employ online textbooks
- More likely to want content to come from expert organization (e.g. National Science Foundation or Universities)
- Twice as likely to take online courses themselves



Teachers (cont.)

Professional Development Wish List

1. Use Technology to Differentiate Instruction
2. Use Technology for Formative Assessment
3. Use Tablets for Instruction
4. Use Tech to Identify High Quality Content
5. Implement Blended Learning



Administrators (n=139)

- Top challenges include using data to assess student achievement and use of technology in instruction.
- View access to online resources and increase in student engagement as the best reason to use technology and devices for learning.
- More issues with network issues and security than peers.



Policy Implications

- Target acquisition of 68,500 in-warranty computers
- High quality professional development a priority
- New learning management system (LMS) in place to facilitate blended learning
- Currently planning to replace the student information system



Questions

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