Boost Access and Transform Classroom Learning for All

New insights from the Speak Up Research Project

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Today’s discussion

- Welcome to today’s webinar!
- Introduction to Project Tomorrow and the Speak Up Research Project
- Share highlights from our Speak Up Research
  - Growth in digital learning
  - New challenges impacting that growth
  - What is on the horizon for digital learning in K-12 classrooms?
- Discussion with our panelists
- Your turn! What are your questions or comments on this topic?
- Additional resources for you
Special thank you to our sponsor
Our guest panelists

Rob Appel
District Educational Technologist
Salinas Union High School District (CA)

Rod Carnill, CETL
Supervisor of Instructional Technology Coaches
Frederick County Public Schools (VA)

Diane Harazin
Supervisor of Instructional Technology
Prince William County Schools (VA)
About Project Tomorrow

- Nonprofit education organization supporting K-12 education since 1996
- Mission is to ensure today’s students are well prepared for the future
- Programs and research focus on role of innovation and new learning models within the education ecosystem. We believe in the power of transformational teaching and learning to support student preparation for future success.

**Speak Up Research Project:** national research supporting the development of new leadership capacities within K-12 through the translation of stakeholder feedback into actionable assets

**Evaluation & Efficacy Studies:** helping education leaders understand the impact, outcomes and ROI of innovative solutions and new learning models within K-12 education
About the Speak Up Project
(www.tomorrow.org/speakup)

- Annual research project since 2003
- Facilitated 100% through schools and districts
- We provide education leaders with a suite of online surveys to use to collect feedback from their stakeholders all year long
- All preK-12 schools and teacher prep programs – public, private, parochial, charter, virtual - are eligible to participate
- Participating entities get summary reports with all locally collected data + state and national data for benchmarks
- Turnkey service provided by Project Tomorrow with no charge/fee to participating districts

Since 2003, over 5.7 million K-12 stakeholders have submitted a Speak Up survey
Education leaders use Speak Up findings to create “actionable knowledge”

Teacher Professional Development

Community Engagement

Evaluating Outcomes

Decision-making

Funding Development

About the Speak Up Project (www.tomorrow.org/speakup)
New series of reports around key topics in digital learning infrastructure today

Living for today or tomorrow with digital learning investments
How E-rate funding supports K-12 school district capacity building as well as connectivity
❖ Webinar – November 19 – access through the EdWeek archive

Boost access and transform classroom learning for all
New demands for digital learning held back by bandwidth capacity challenges
❖ Webinar – today!

Are we ready for School 2020?
Leveraging online resources to support students’ learning and teacher effectiveness
❖ Webinar – January 22

New insights from the Speak Up Research Project

- Growth in digital learning
- New challenges impacting that growth
- What is on the horizon for digital learning in K-12 classrooms?

Source:
Speak Up 2018-19 Findings representing the views of 334,000 K-12 students, parents, teachers and administrators from a diverse set of schools and districts - 26% urban, 41% rural, 33% suburban, and 59% title 1 eligible
Growth in digital learning experiences for K-12 students

The increasing role of technology within education has without doubt been extremely beneficial and a necessary shift. Students must be equipped with the ability to understand and utilize the broadest range of technology as possible. Now that our school is one-to-one with each student having a mobile device to use, I'm much more able to monitor students, diversify my curriculum, and plan lessons. Not only has the implementation of one-to-one devices made me a better teacher, but I genuinely believe it is preparing students for life after graduation as much as any other part of my curriculum.
Growth in digital learning experiences for K-12 students

- Digital learning experiences are important for students’ future success
  - 91% of district administrators say the effective use of technology within instruction is important for students’ future success

- Digital learning experiences are important for helping students develop the skills they need for future success
  - 73% of district administrators say technology skills are 21st century workforce skills
  - 66% say the best way for students to develop those skills is to use technology effectively within classroom instruction
Growth in digital learning experiences for K-12 students: *student access to mobile devices in the classroom*

- 84% of district administrators say student access to mobile devices is essential for student learning success.
- 54% of K-12 teachers say they are now teaching in a classroom where their students have 1:1 access to a tablet, laptop or Chromebook.
  - In 2013, only 24% of teachers said the same.
Growth in digital learning experiences for K-12 students: *student access to mobile devices in the classroom*

<table>
<thead>
<tr>
<th>Grade Range</th>
<th>Chromebook Access</th>
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<tbody>
<tr>
<td>K-2</td>
<td>51%</td>
</tr>
<tr>
<td>3-5</td>
<td>71%</td>
</tr>
<tr>
<td>6-8</td>
<td>64%</td>
</tr>
<tr>
<td>9-12</td>
<td>49% *</td>
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</table>

* In 2014, only 16% of high school students reported using a Chromebook in class
Growth in digital learning experiences for K-12 students: *digital content usage in the classroom*

<table>
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<tr>
<th>Types of digital content</th>
<th>% of teachers who say they use this application or tool at least weekly in their classroom</th>
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<td>Google for education</td>
<td>70%</td>
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<td>Online curriculum</td>
<td>62%</td>
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<td>Online videos</td>
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<td>Office 365</td>
<td>56%</td>
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<tr>
<td>Skill-developing software</td>
<td>50%</td>
</tr>
<tr>
<td>Digital or online games</td>
<td>43%</td>
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<td>Online quizzes or assessments</td>
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In 2013, only 22% of teachers reported using an online curriculum in their classroom.
Growth in digital learning experiences for K-12 students: *digital content usage in the classroom*

90% of K-12 teachers say it is important that the digital content that they use in their classroom includes:

- High quality video
- Embedded online assessments
- Individual student accounts
- Rich data about student performance
New challenges impacting digital learning growth

*District technology leaders say the following are essential for continued growth in digital learning:*

- Funding to support startup as well as ongoing support of digital initiatives
- Adequate bandwidth
- Infrastructure to support students and teachers
- Teachers have the skills and knowledge to use digital tools effectively
- Professional development for administrators
New challenges impacting digital learning growth: *current state regarding bandwidth capacity*

- 50%: “We have enough bandwidth to meet all our digital learning needs today”
- 26%: “Things are relatively okay, but we have intermittent problems with our bandwidth capacity”
- 24%: “We are not meeting our current or projected demands for bandwidth capacity to support digital learning”
New challenges impacting digital learning growth: *current state regarding bandwidth capacity*

Is a school district’s digital learning initiatives influenced or impacted by the state of bandwidth capacity within that district?
**New challenges impacting digital learning growth: bandwidth capacity relationship with digital learning**

<table>
<thead>
<tr>
<th>Digital learning initiatives</th>
<th>Districts that say they have enough bandwidth to meet all digital learning needs — % that have implemented this digital learning initiative</th>
<th>Districts that say they have intermittent problems or lack bandwidth capacity to meet current or future needs — % that have implemented this digital learning initiative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blended learning</td>
<td>43%</td>
<td>32%</td>
</tr>
<tr>
<td>Online classes for students</td>
<td>48%</td>
<td>30%</td>
</tr>
<tr>
<td>1:1 mobile device program</td>
<td>61%</td>
<td>32%</td>
</tr>
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On the horizon for digital learning

- Continued increases in student access to digital tools in the classroom
- Greater integration by teachers of online solutions and digitally enabled models for learning
- Enhanced connections between digital learning and student preparation for college or the workforce
- New expectations for defining equity within learning environments for all students
- Increased demand for high bandwidth capacity to support these new models
On the horizon for digital learning: *high growth expectations*

<table>
<thead>
<tr>
<th>Digital learning initiatives</th>
<th>% of district technology leaders who say this is implemented currently in their district</th>
<th>% of district technology leaders who anticipate high growth in this category over the next few years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flipped learning</td>
<td>24%</td>
<td>54%</td>
</tr>
<tr>
<td>Blended learning</td>
<td>37%</td>
<td>54%</td>
</tr>
<tr>
<td>Competency-based learning</td>
<td>28%</td>
<td>47%</td>
</tr>
<tr>
<td>Game-based learning</td>
<td>25%</td>
<td>42%</td>
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Key findings from this new report:

✓ Evidence of exponential growth in the implementation of digital learning within K-12 classrooms

✓ School districts are increasingly concerned about the state of their bandwidth given these increased demands

✓ New district visions for digital learning include a variety of new solutions and models that are highly bandwidth dependent
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Your turn

Your questions, thoughts, comments, ideas
National Speak Up reports and infographics

Targeted and thematic reports
- Digital learning funding
- School communications
- Mobile learning
- Blended learning outcomes
- Coding and creativity

Presentations, podcasts and webinars

Services: consulting, workshops, evaluation and efficacy studies

✓ We have expertise in the evaluation of mobile implementations, new classroom models and digital content usage
✓ We facilitate leadership development workshops such as:
  • Workshops to help districts develop responsive messages and visions
  • Workshops that help districts interpret feedback data from stakeholders
Speak Up is open now for school and district participation
Learn more at: www.tomorrow.org/speakup

Online surveys available for:
- K-12 students – individual + group
- Parents – English and Spanish
- Teachers
- Librarians/Media Specialists
- School Site & District Administrators
- Technology Leaders
- Community Members
- Communications Officers

- Surveys open from now through June: use them when it makes sense for your district
- Two formats: multi-thematic Speak Up 360 or quick, single theme Speak Up Snapshots
- 100% free – with full data reports for you!
- Use Speak Up to learn how to translate the views of your stakeholders into assets
Your partner in connected learning

For more information visit
enterprise.spectrum.com/E-rate2020
Thank you for joining us today!

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