



# **Technology, Training and Teaming to Ensure Great Teaching for All Students**

**Webinar  
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# **Speak Up Research Project Results**

## **2014 national participation: 521,846**

**Feedback from these audiences in fall 2014:**

<b>K-12 Students</b>	<b>431,231</b>
<b>Teachers &amp; Librarians</b>	<b>44,289</b>
<b>Parents (in English &amp; Spanish)</b>	<b>35,337</b>
<b>School/District Administrators/Tech Leaders</b>	<b>4,324</b>
<b>Community Members</b>	<b>6,656</b>

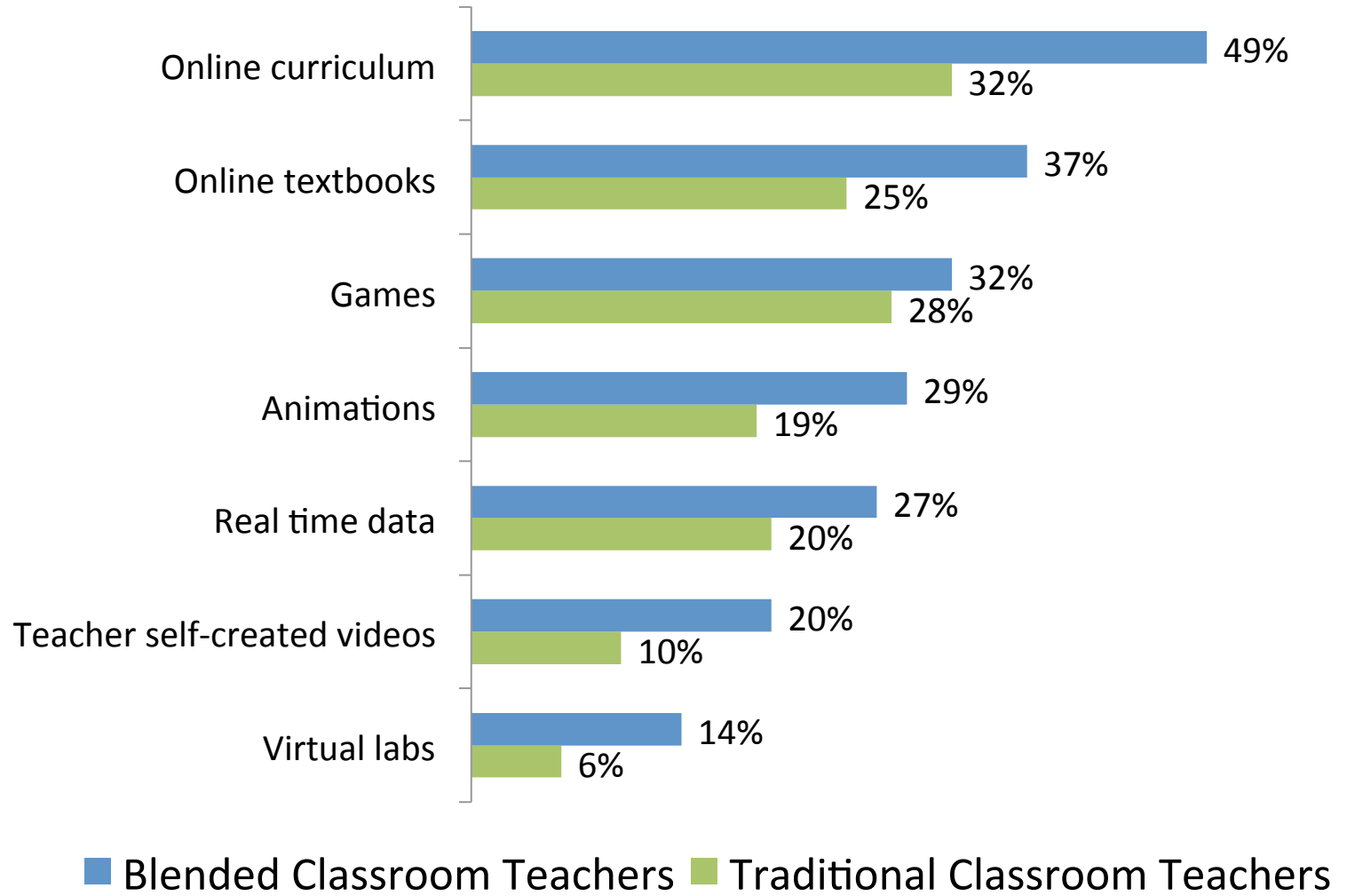
### **About the participating schools & districts**

- 8,216 schools and 2,676 districts
- 30% urban / 40% rural / 30% suburban
- All 50 states + DC + Guam + DODEA schools
- International schools

*What digital content are you using regularly in your classroom?*

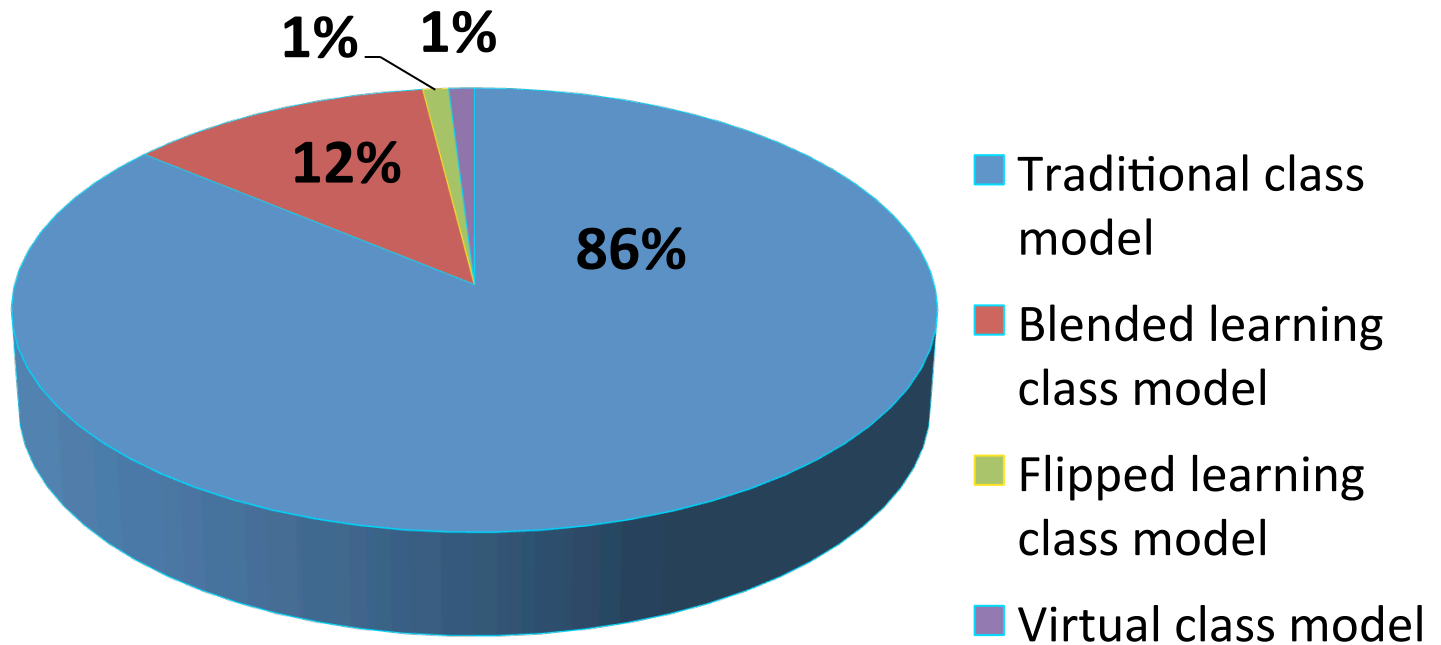
Types of digital content	Teachers - 2013	Teachers - 2014
Online videos	46%	61%
Powerpoints, Prezis	60%	65%
Google Drive for Edu	29%	40%
Online curriculum	22%	34%
Online textbooks	23%	27%
Game based environments	25%	28%

# Use of digital content – differences by classroom model



# *What classroom model best describes your classroom?*

*Teachers report:*





*Do your students have regular access to a mobile device in your classroom?*

Students use own devices 11%

Students use school devices -  
only use at school 12%

Students use school devices -  
use at school and at home 8%

Teacher checks out devices for  
in class use on projects/lessons 21%

**None of the above 53%**

*What professional development do you need to be more successful with technology?*

1. Using technology to differentiate instruction
2. Using digital games within the classroom
3. Using technology for formative assessment
4. Using tablets in the classroom
5. How to identify quality digital content

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*What are your preferences for professional development approaches?*

**Make it local and contextually relevant:**

- School training – peer to peer
- Teacher observations
- In school mentoring
- Self directed



# *What is the impact of digital learning on student outcomes?*

Teachers' beliefs about student outcomes	Teachers in traditional classrooms	Teachers in blended classrooms
Students are working together more often	32%	52%
Students are developing problem solving and critical thinking skills	34%	50%
Students are more motivated to learn	50%	53%
Students are taking ownership of their learning	33%	50%
Students are developing their creativity skills	34%	47%

*Teachers: what is the impact on your effectiveness as a teacher?*

*As a result of using technology, I am ....*

1. **Creating more interactive & relevant lessons**
2. Better organized
3. Facilitating more student centered learning
4. Encouraging students to be more self-directed
5. More productive
6. Have more time to differentiate instruction
7. More connected to my students

# *Teacher Adoption and Adaptation Processes*

## *A realistic, classroom based view on what works*

- 1. Awareness** of tools and what needs to change in his/her practice
- 2. Adoption** of tools –  
focused usage –  
evaluation of impact –  
new value proposition
- 3. Adaptation** of practice  
through the tools –  
seamless and intuitive  
integration – sustainability

### ***What is needed?***

Self assessment

JIT training

Admin support

Time to experiment

Value proposition

Efficacy support

## *Looking ahead: what are the expectations of principals for new teachers regarding digital tools?*

Types of learning experiences for pre-service teachers	% of principals who say this is essential
Using technology to communicate with students and parents	80%
Using technology to create authentic, differentiated learning experiences	72%
Using technology to facilitate student collaborations	70%
Being able to incorporate video within instruction	69%
Knowing how to identify and evaluate digital content	64%
Being able to set up a blended classroom	51%
Incorporating student owned devices	47%
Participating in online PLCs	46%

Thank you for this conversation!

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