The Role of Ed Tech and Professional Development in Driving Personalized Learning
An on-demand archive of this webinar will be available at www.edweek.org/go/webinar in less than 24 hrs.
Today’s Speakers

Stefani Kauppila
Sr. Manager, Adult Learning Design
DreamBox Learning

Kerri Balint
Director
Professional Learning
PBS Children’s Media & Education

Holly Kurtz
Director
The Education Week Research Center

Amy Dodson
Director of Instruction
Cisco Independent School District, Texas
Teacher Support and Student Success Are Linked

Monitor student learning

Engaging student environment

Relevant PD connected to student learning
DREAMBOX LEARNING AND PBS TEAM UP TO EXPLORE HOW Teacher Support and Student Success Are Linked
DreamBox and PBS surveyed a national sample of PreK-8 teachers, school-based leaders, and district leaders.

Download the full report at: www.dreambox.com/ed-tech-survey
“Educators Believe Educational Technology Can Personalized Learning”: A Closer Look at the Survey Results

Holly Kurtz
Director
The Education Week Research Center
Introduction: The Survey

- **Who**: 553 educators including 90 district leaders, 89 school leaders, 374 PreK-8 teachers
- **What**: 22-question survey
- **When**: Spring 2018
- **Where**: 47 states & DC
- **Why**: To learn about habits, perceptions related to ed-tech
- **How**: The survey was administered online
Topics Addressed in the Survey

- Perceptions of personalized learning/differentiation
- Educational technology and personalized learning
- Classroom usage of technology, personalization
- Support needed to effectively use educational technology
The Value of Personalized Learning

- 69% Very Valuable
- 25% Valuable
- 5% Somewhat Valuable
- 1% Not Valuable
Using technology for instructional purposes is an effective way to:

Differentiate instruction

- 3% Completely disagree
- 5% Disagree
- 52% Agree
- 40% Completely agree

Provide differentiated and/or personalized learning experiences that adapt to student needs

- 2% Completely disagree
- 5% Disagree
- 50% Agree
- 43% Completely agree
Teachers lack the support they need to effectively use educational technology:

- 42%: All survey respondents
- 48%: PreK-8 teachers
- 32%: District leaders
- 31%: School leaders
Teachers in my school community or district lack the support they need to effectively use educational technology.
Teachers in my school community or district lack the support they need to effectively use educational technology.

- More training in using technology tools: 69%
- More professional development in pedagogy, instructional methods: 62%
- More/better devices: 55%
- More support from IT specialists: 53%
- More strategies around implementation: 53%
- More professional development in content areas to support all levels of learners: 52%
- More opportunities to learn from peers/access to community: 51%
- More/better digital curricular content: 48%
- More/better software: 42%
- More support from administration: 33%
Teachers need more, better devices

- Early childhood teachers: 70%
- Teachers in grades 3-8: 56%
- District leaders: 43%
- School leaders: 39%
Percentage of work completed digitally

- 33%: Ten percent or less
- 26%: Twenty-five percent
- 24%: Fifty percent
- 16%: Seventy-five percent or more
Conclusion

• Educators clearly value personalized and differentiated learning, survey results suggest

• If schools are to truly personalize learning, they need to invest in the educational technology support that teachers need to differentiate more effectively in today’s classrooms

• Teachers in particular face challenges with educational technology.

The Education Week Research Center produces independent, objective, non-partisan research and analysis. For more information, contact us at RCinfo@epe.org.
3 Things PBS Education Is Thinking About

Kerri Balint
Director
Professional Learning
PBS Children’s Media & Education
3 Things PBS Education is Thinking About

Effective PD

Peer-to-peer Learning

Devices and our littlest learners
Effective PD
Teachers in my school community or district lack the support they need to effectively use educational technology.

- More training in using technology tools: 69%
- More professional development in pedagogy, instructional methods: 62%
- More/better devices: 55%
- More support from IT specialists: 53%
- More strategies around implementation: 53%
- More professional development in content areas to support all levels of learners: 52%
- More opportunities to learn from peers/access to community: 51%
- More/better digital curricular content: 48%
- More/better software: 42%
- More support from administration: 33%
Teachers in my school community or district lack the support they need to effectively use educational technology.

<table>
<thead>
<tr>
<th>Support Area</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>More training in using technology tools</td>
<td>69%</td>
</tr>
<tr>
<td>More professional development in pedagogy, instructional methods</td>
<td>62%</td>
</tr>
<tr>
<td>More/better devices</td>
<td>55%</td>
</tr>
<tr>
<td>More support from IT specialists</td>
<td>53%</td>
</tr>
<tr>
<td>More strategies around implementation</td>
<td>53%</td>
</tr>
<tr>
<td>More professional development in content areas to support all levels of learners</td>
<td>52%</td>
</tr>
<tr>
<td>More opportunities to learn from peers/access to community</td>
<td>51%</td>
</tr>
<tr>
<td>More/better digital curricular content</td>
<td>48%</td>
</tr>
<tr>
<td>More/better software</td>
<td>42%</td>
</tr>
<tr>
<td>More support from administration</td>
<td>33%</td>
</tr>
</tbody>
</table>
Elements of Effective Professional Development

- Is content focused
- Incorporates active learning
- Supports collaboration
- Uses models of effective practice
- Provides coaching and expert support
- Offers feedback and reflection
- Is of sustained duration

PBS Teacher Community Program

Teacher Ambassador,
Kari Wardle
Peer-to-Peer Learning
Teachers in my school community or district lack the support they need to effectively use educational technology.

- More training in using technology tools: 69%
- More professional development in pedagogy, instructional methods: 62%
- More/better devices: 55%
- More support from IT specialists: 53%
- More strategies around implementation: 53%
- More professional development in content areas to support all levels of learners: 52%
- More opportunities to learn from peers/access to community: 51%
- More/better digital curricular content: 48%
- More/better software: 42%
- More support from administration: 33%
Build Content Knowledge

Develop Teaching Practice

Build Professional Community

Develop Leadership Capacity

PD Outcomes

Teacher Community & Leadership
Devices & Our Littlest Learners
Teachers need more, better devices

- 70% Early childhood teachers
- 56% Teachers in grades 3-8
- 43% District leaders
- 39% School leaders
How can we support educators of young children in acquiring devices and integrating media & technology in ways that have a positive impact on learning and development?
3 Things PBS Education is Thinking About

- Effective PD
- Peer-to-peer Learning
- Devices and our littlest learners
Journey to Personalization: A Marriage of PD & Tech in the Field

Amy Dodson
Director of Instruction
Cisco Independent School District, Texas
Path to Personalization

- Belief
- Vision
- Consistency
PD Starting Point

• Design with the end in mind
• What should the student experience be?
• What should the student be able to do?
• What is my role as the teacher?
Personalized Learning
Tech Tools

- What do students need to meet my expectations?
- What do I need to be able to do to implement?
- What will I do vs. what tech will do?
- What type & how often do I need data from my tools?
- Get help to make good choices
Effective Execution: Training vs. Development

- Continuous
- Support
- Flexibility
- Feedback
- Encouragement
Personalization should not just be about the students. We need to think about personalized PD for teachers. Educators should have consistent support to meet their needs, if they are to effectively meet the needs of students.
Q&A

Stefani Kauppila  
Sr. Manager, Adult Learning Design 
DreamBox Learning

Kerri Balint  
Director 
Professional Learning 
PBS Children’s Media & Education

Holly Kurtz  
Director 
The Education Week Research Center

Amy Dodson  
Director of Instruction 
Cisco Independent School District, Texas
Thank You!

Download the full report at:
www.dreambox.com/ed-tech-survey