

**Navigating the Shift to Digital Learning:
Leveraging Federal Funding Sources**

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DIGITAL SHIFT

1. Introduce Yourself
2. Share Your Current Role

Panelists

Christine Fox, Deputy Executive Director, SETDA
@cafox

Russ Sweet, Education Specialist & Team Lead, Oregon Department of Education
@roscoeman1

Carla Wade, Digital Innovations Lead, Oregon Department of Education
@wadec

Gayle Pauley, Assistant Superintendent, Special Programs & Federal
Accountability, Office of Superintendent of Public Instruction (OSPI), Washington
State

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Agenda

Welcome and Introductions, Christine Fox, SETDA
Shift to Digital Learning, Christine Fox, SETDA



State Perspective, Oregon

- Russ Sweet, Education Specialist & Team Lead, Oregon Department of Education
- Carla Wade, Digital Innovations Lead, Oregon Department of Education

State Perspective, Washington

- Gayle Pauley, Assistant Superintendent, Special Programs & Federal Accountability,
Office of Superintendent of Public Instruction (OSPI), Washington State

Q & A/ Discussion
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About SETDA

Serve, support, and represent U.S. state and territorial directors for educational technology. Mission to build and increase the capacity of state and national leaders to improve education through technology policy and practice.



Forum for:

- Advocacy for policy and practice
- Professional learning
- Inter-state collaboration
- Public-private partnerships



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Tools and Resources: Digital Learning

SETDA has a track record advocating for digital learning:

- DMAPS.setda.org
- Navigating the Digital Shift 2015
- OER Case Studies 2015
- Digital Content Policy Briefs 2014-2015
- Guide to Implementing Digital Learning 2014
- Out of Print Report 2012
- Broadband Imperative 2012



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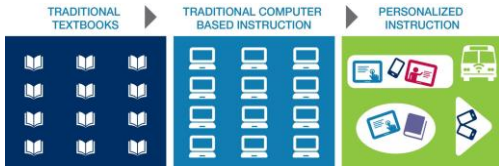
SETDA – NASTID Collaboration

- Technology Subcommittee – Collaboration
- Title I – ESSA Technology White Paper



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Shifts in Learning Models



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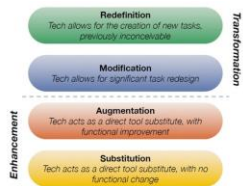
Digital Divide

- Access to Technology Tools and Resources Outside of School
- Access to Opportunities to Use Technology tools for Deeper Learning Experiences
- Teachers with Pedagogical Experiences to Support Digital Learning

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Substitution Augmentation Modification Redefinition Model



<https://sites.google.com/a/msad60.org/technology-is-learning/samr-model>

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“Coordination of Federal program support can help maximize the impact of available resources. For example, a school incorporating digital learning in a Title I schoolwide program might use Title I, Part A funds to purchase devices and digital learning resources to support all students and staff if this use is supported by the school’s comprehensive needs assessment and schoolwide plan.”

January 18, 2017 Dear Colleague Letter from Office of Educational Technology



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We cannot merely support academic achievement for students in high poverty schools without also supporting their access to the tools (technology) which will help them succeed.



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Umatilla School District
BUILDING BRIDGES TO SUCCESSFUL FUTURES

Opportunities for students:

- Minecraft Class - students are creating their own worlds, managing the server for the game and using rubrics to evaluate the work done. High school students lead the course for the middle school students.
- Myon - allows for the entire digital library (thousands of titles) to be available to all students, 24/7. Students receive recommendations based on their reading levels and interest areas. Teachers can track changes in lexile score, books read, time spent reading, etc.



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Opportunities for students:

- Coding starting at Kinder- FLLJr allows students to build with legos and make moving parts on their creations using code. Students then progress through the entire FIRST continuum (FLLJr, FLL, FTC and FRC) and create a 120 pound robot in six weeks through FRC in High School.
- Key Train Online (work keys) - Students can earn their National Career Readiness Certificate, and meet their graduation requirement for math and reading through Work Keys. Key Train is an online tutorial tool to help students prepare for the Work Keys exam.



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Opportunities for students:

- Badges- Digital badging is used (Mozilla and Badgr) to track the tech skills students have gained through their various coding, digital literacy and media literacy courses.



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Woodburn School District (Title I District)

- Kindergarteners use iPod Touches to practice math and reading, & language
- Pre-Kindergarteners use iPod Touches to practice letters, numbers, shapes, etc.
- Elementary students use Big Brainz and Dreambox to practice math skills



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Woodburn School District (Title I District)

- Other Elementary students use myON to practice reading skills.
- Adults and Teens use Rosetta Stone to practice English and other languages.
- Technology classes teach parents how to access student data on PowerSchool, connect with teachers via email, and other important skills.



Forest Grove School District



- Promoting 1:1 and BYOD programs with an added "access to information" piece (equal access to information and training to teach a generation with broad access)
- Maintain public/private partnerships to provide equal access in the city and rural areas
- Training for teachers that includes a coding component.
- Refocusing the 1:1 on choosing the right tool for the learning style and current task



Question for the Audience

Share with a neighbor:

How has your school, district or state worked to ensure that Title I students have digital learning opportunities?

*Are there areas for growth?
What would benefit your work?*







Society for Technology in Education (ISTE) and the Partnership for 21st Century Skills

- Integrated into teaching, learning and assessment, technology creates a new relevancy to the learning environment in which students, teachers and experts engage new ideas, communicate and work together.
- With professional development tuned to technology integration, teachers design engaging and imaginative learning experiences that meet academic standards across the core content areas.
- For high school graduates, the ability to use and adapt technology has direct application within higher education and the work environment.



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About Technology Integration

Technology integration is the use of technology resources – computers, digital cameras, CD-ROMs, software applications, the Internet, handheld devices, etc. – to support teaching and learning across all subject areas and grade levels.



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Meeting the Needs of All Students

- Culturally Responsive Teaching
- Honoring All Cultures
- Differentiating Instruction with Technology
- Equity, Access, and the Essential Conditions



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Common Core & Educational Technology

The standard for educational technology and the Common Core State Standard expect the same degree of cognitive effort on the part of the student: *use a digital tool to **publish ideas**.*

Educational Technology (K-2)/Common Core & Educational	Common Core State Standards (K)
<p>GLE 1.2.1 Communicate and collaborate to learn with others.</p> <ul style="list-style-type: none"> • Participate in online projects as a class. • Work with others using technology tools to convey ideas or illustrate simple concepts. 	<p>Writing: Production and Distribution of Writing</p> <p>5. Use technology, including the internet, to produce and publish writing and to interact and collaborate with others.</p> <ul style="list-style-type: none"> • With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers.



Shoreline School District

•Students have used the iPads to access a variety of online resources to support intervention, including Imagine Learning, Head Sprout, and Reading A to Z.

•We have found the iPads to provide a high-interest, flexible support that provides built-in differentiation for students. I will say, though, that the technology we have used as instructional tools are still just one piece of the puzzle.

•The key is always the skilled teacher that finds the ways to make the technology work best for students.





Districts and Schools

Omak School District - My job as district technology facilitator is to help teachers and students successfully integrate tech into their every day teaching and learning. The Omak School District is completely 1:1 for students, and we strive to teach them to use technology to create, collaborate, communicate, and think critically



Omak Schools launch mobile app

You will find each student at **Selah Middle School** Chromebook in hand that is used for a variety of classroom educational purposes.



Questions ?



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Audience Challenge

What can you do upon return to your position to help move the marker forward ?



Create a Calendar Appointment to Remind Yourself



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