

TITLE IV-A STATE COORDINATOR NATIONAL VIRTUAL MEETING



September 23, 2019

Special Topical Focus Session and Grantee Spotlight: Effective Use of Technology

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State Coordinator Panelist:

Levi Patrick, Oklahoma

Doug Paulson, Minnesota

4:00pm – 5:00pm (ET)

60 Minutes



Agenda

- Setting the Stage: 2017 National Education Technology Plan
- Addressing EUT Needs Assessment Findings: Four Key Topics
- State Perspectives: Oklahoma and Minnesota
- Takeaways and Resources



Setting the Stage

2017 National Education Technology Plan



Poll Question



Are you familiar with the
2017 National Education
Technology Plan?



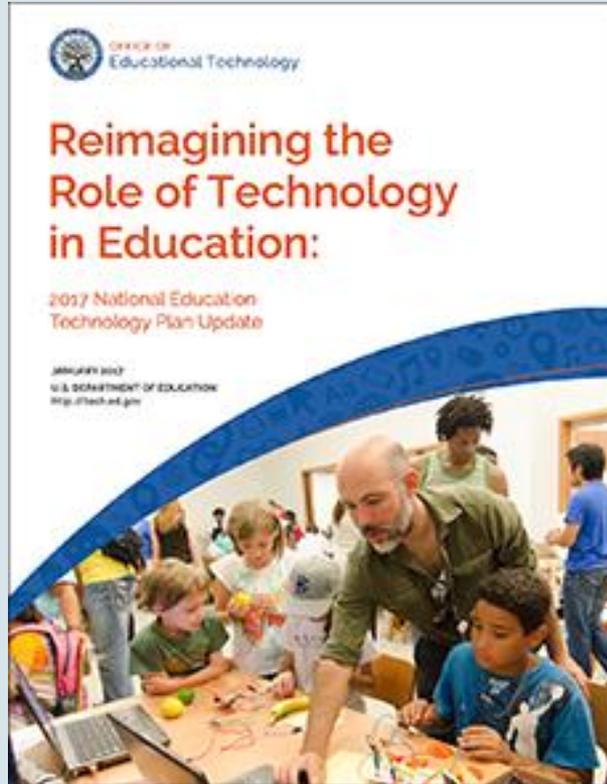
Poll Question



Did your state use the 2017 National Education Technology Plan to inform your state's technology plan?



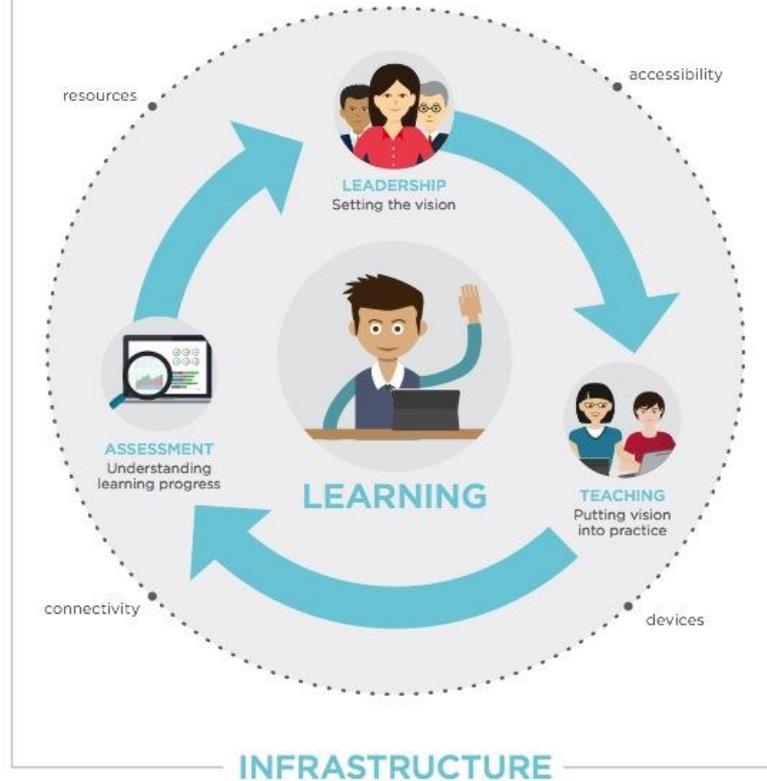
A National Vision: 2017 NETP



[Image source](#)



FITTING THE PIECES TOGETHER



Providing accessibility, resources and connectivity so that learning is everywhere, all the time

[Image source](#)



T4PA
CENTER

DIGITAL USE DIVIDE

While essential, closing the digital divide alone will not transform learning. We must also close the digital **use** divide by ensuring all students understand how to use technology as a tool to engage in creative, productive, life-long learning rather than simply consuming passive content.



Simply consuming media or completing digitized worksheets falls short.



PASSIVE USE



Media production



Interaction with experts



Global connections



Immersive simulation



Design



Coding



Peer collaboration

ACTIVE USE

[Image source](#)



Addressing EUT Needs Assessment Findings

Four key topics



Using Technology to Support All Students

- Ensure all learners are included for technology to be transformative.
- Consider the ways accessible features benefit everyone.



Zooming in



Closed captioning



Touch screens



Text to speech



Visual support for auditory information



Voice recognition



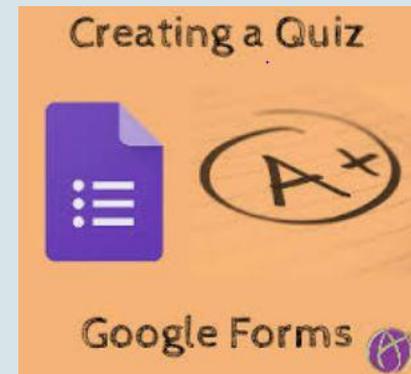
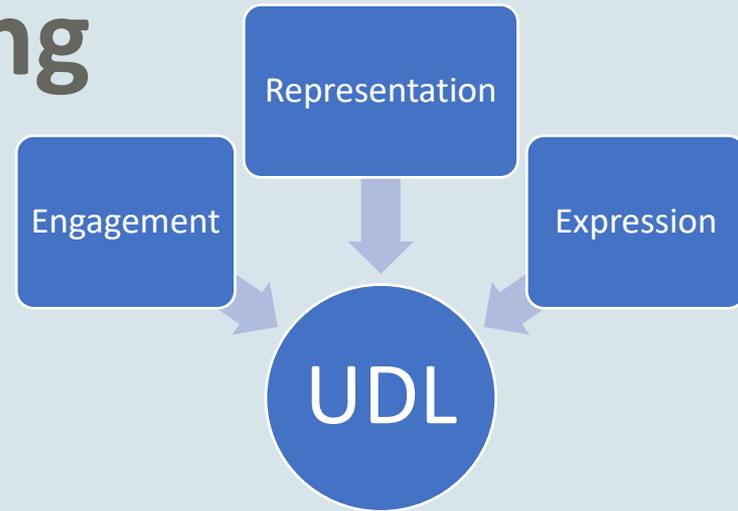
Reflection Questions

- When considering technology to purchase, do the districts in your state consider accessibility?
- Are district staff aware of the need for accessibility? Do they know how to make content accessible for students, caregivers, and families?



Supporting Teachers in Using Data & Technology to Improve Instruction and Personalize Learning

- Professional development & coaching
 - Integrate technology resources.
 - Use assessment tools and strategies.
- Technology infrastructure
 - Ensure hardware and software interoperability.
 - Procure quality and accessible tools.



[Image source](#)



Reflection Questions

- How do we move beyond access to technology to focus on the innovative use of technology?
- Where do you see your districts in this process? What has worked well? What do teachers still need to help them move forward?



Supporting Rural and Remote Areas

- Engage with communities of practice.
- Explore online courses, mentoring and advising programs.
- Utilize openly licensed resources.
- Provide virtual reality experiences.



[Image source](#)



[Image source](#)



Reflection Questions

- What strategies are being used in your state to support rural and remote districts?
- How can we help? What else can we do to support you in this area (e.g., provide specific tools and resources)?



Implementing Academic Courses Using Technology

- Enhance science with technology tools.
- Create makerspaces.



[Image source](#)



[Image source](#)



Reflection Questions

- What technologies could have the biggest potential to enhance teaching and learning?
- Are there strategies that have been successful in your state to prepare your teachers, classrooms, and schools for maximizing these technologies?



State Perspectives

Oklahoma Department of Education

Minnesota Department of Education



State Perspective: Oklahoma

Levi Patrick

*Assistant Executive Director of
Curriculum and Instruction*

Oklahoma Department of Education



State Perspective: Minnesota

Doug Paulson

*Director, Division of Academic Standards and
Instructional Effectiveness*

Minnesota Department of Education



Key Takeaways

- Active use
- Accessibility
- It takes a village!

Commitment, vision, and leadership is critical



SCHOOL



DISTRICT



INSTITUTION



AGENCY



BOARD

Equity and access must be priority at all levels



TEACHERS/
PROFESSORS



WEB
DEVELOPERS



CONTENT
CREATORS



TECH
COORDINATORS



ADMINISTRATORS



Resources

2017 National Education Technology Plan

<https://tech.ed.gov/netp/>

Dear Colleague Letter: Federal Funding for Technology

<https://tech.ed.gov/files/2017/01/2017.1.18-Tech-Federal-Funds-Final-V4.pdf>

Building Technology Infrastructure for Learning

<https://tech.ed.gov/files/2017/07/2017-Infrastructure-Guide.pdf>

Non-Regulatory Guidance – Student Support and Academic Enrichment Grants

<https://www2.ed.gov/policy/elsec/leg/essa/essassaegrantguid10212016.pdf>

Smart Series Guide to EdTech Procurement.

<http://digitalllearningnow.com/site/uploads/2014/05/Procurement-Paper-Final-Version.pdf>

