



Introducing: New Mexico ECHO for Education

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PED College and Career Readiness Bureau

Challenges Facing Teacher Leaders in New Mexico

- Shrinking budgets impacting access and travel to professional learning opportunities.
- Opportunities to collaborate and get help solving complex problems.
- Knowing and practicing the latest tools, resources, & learning experiences that support improved student outcomes.

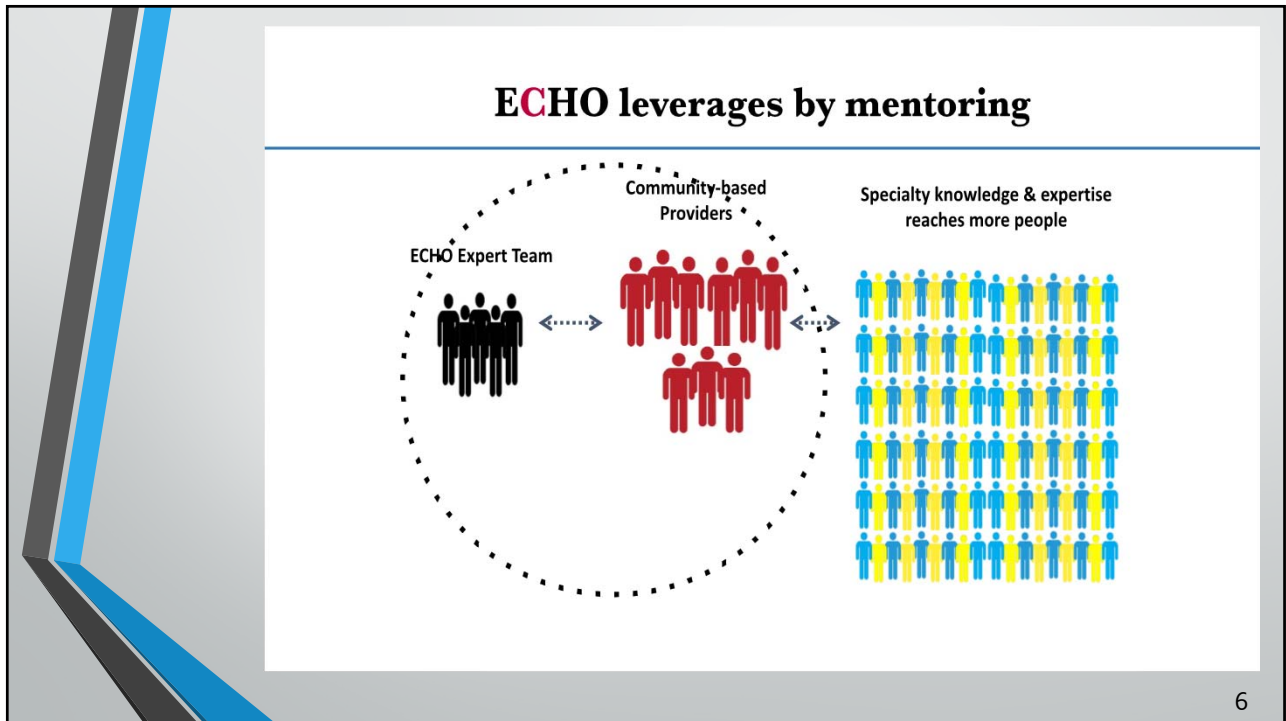
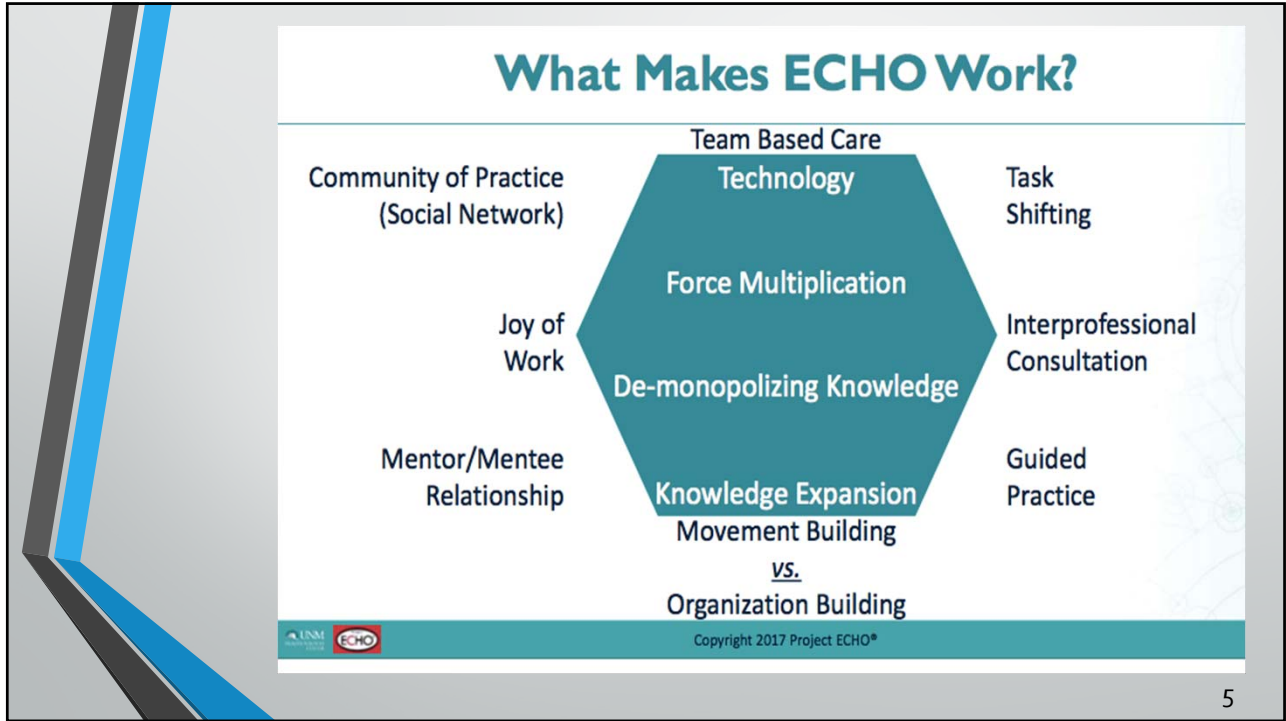
The *NM ECHO for Education* is designed to address all of these challenges ...

*... by providing the opportunity for teachers, wherever they are in NM, to **access and share best practices** within a knowledge network, **receive professional development from experts**, and **benefit from collaborative problem solving to solve complex issues** and questions regarding New Mexico's school systems and its learners.*

ECHO for Education is based on UNM Health Sciences Center's Project ECHO[®] (Extension for Community Health Outcomes)

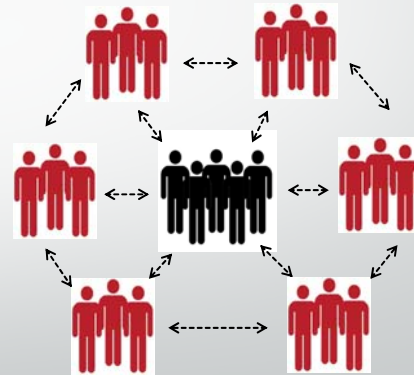
Methods used in ECHO:

- **Use Technology** to leverage scarce resources
- **Sharing "best practices"** to reduce disparities
- Web-based database to **monitor outcomes**



ECHO Builds a Virtual Learning Community Hub & Spokes Model

- Collaborative
- Focused, timely, relevant
- Mini-lessons based on participant's' requests
- Case-based discussions
- Collegial



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The *NM ECHO for Education* Inaugural Network Addresses the Complex Challenge of High School Graduation

The most recent overall state graduation rate is only 71%

However, graduation rates are *16.7% higher* among student Concentrators in Career Technical Education curriculum, learning experiences, and hands on activities.

Our driving question:

How can we, as teacher leaders in our school, increase our knowledge in innovative practices that overcome the barriers that effect students on their path toward graduation, by including more of of what works in Career Education across general education classrooms and learning experiences.

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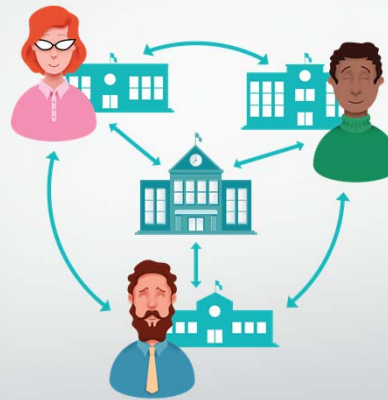
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ECHO for Education

The best elements of college and career readiness that contribute to higher graduation rates need to be shared and supported.

Through technology-enabled collaborative learning, ECHO creates access for teachers across New Mexico to experts and professional development to better help their students graduate high school and on to a smooth pathway to their goals.



Hub and spoke knowledge-sharing networks create a learning loop:

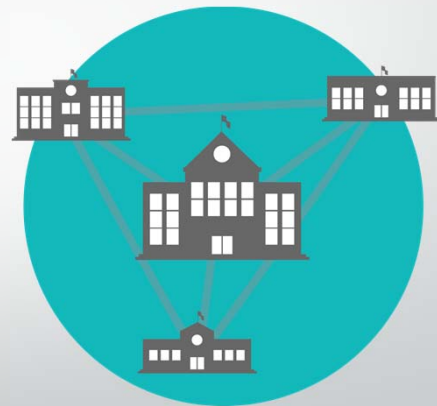
Local teacher leaders learn from specialists in best practices and innovation.

Teacher leaders learn from each other.

Specialists learn from teacher leaders as best practices emerge.

Doing More for *Community* Through Improving Professional Learning

- Reduce disparities
- Build & retain good teachers
- Skilled & engaged workforce



Doing More for *Teachers* Through Improving Professional Learning

- Acquire new knowledge
- Access to experts & innovation
- Building a community of practice
- Career advancement in Domain 4



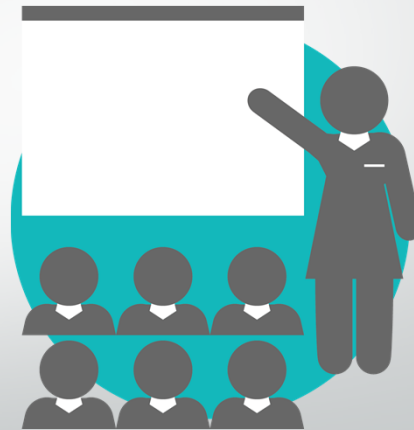
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Doing More for *Students* Through Improving Professional Learning

- More knowledge
- Better skills
- Overcome Barriers
- Clear direction for transition to adulthood



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Improving *State Systems* Through Improving Professional Learning

- Increase graduation rates
- Reduce remediation rates
- Develop our economy through a knowledgeable, prepared workforce



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Transforming Education in New Mexico

Leveraging by Mentoring

Experts in career education and counseling, community based learning, and subject matter experts in key career clusters share their knowledge & best practices with participants.



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ECHO's Multidisciplinary Hub

Experts in "best practices" in improving high school share knowledge and become mentors during ECHO Sessions

- College Counselors and Advisors
- Teacher leader experts in their field, Teacher of the Year, Golden Apple Teacher Recipients, and NBCTs
- Representative of special needs populations such as Special Education, English Language Learners, and Native American liaison
- College level advisors and instructors and business and industry representatives.
- National consultants and experts from SREB, Buck, New Tech Network, National Career Academy Coalition, Early College High School, and Project RED
- Business and Industry professionals

Transforming Education in New Mexico

Creating virtual learning communities

Teachers in the smallest schools can connect to others, collaborate, and share their best practices and challenges.



ECHO's Spokes

small groups of 2 – 3 education practitioners in high school

A general education teacher leader with a career technical education teacher thought partner and leader

NM Teacher Ambassadors and liaisons and other recognized current and future leaders are invited to participate:

- Gaining knowledge and expertise that can be shared with their learning community of teachers and students
- Providing “force multiplication” of best practices and increased knowledge for their learning communities.

Transforming Education in New Mexico

Technology

Participants use Technology to leverage scarce resources and improve access.



ECHO's Technology

- Laptop or desktop computer
- Camera, Microphone and speakers
 - Financial Assistance if needed
- Zoom teleconferencing (free)
- Google Drive for access to Network and Session tools and resources

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ECHO for Education Inaugural Network: Objectives

- Increase the number of innovative and effective CTE activities into the general education classrooms and populations
- Increase the number of effective and relevant activities and opportunities for individual student next step and transition plans through high school and into postsecondary college and career.

Part One of each ECHO Session includes

Professional Development workshops focusing on subjects that make the biggest difference in graduation rates and are desired by the members of the Knowledge Network including:

- Understand and implement tools and resources designed in *The New Mexico Career Cluster Guide*.
- Address problems facilitating and supporting effective Next Step Plans (NSPs)
- Help participants create effective principles of practice to connect The New Mexico Career Cluster Guide to the needs and goals of their students.
- Reviews and recommendations on the most effective College & Career tools, resources, and strategies
- Reviews and recommendations on the most effective ways to improve student knowledge and skills through community based learning experiences

Topics and Subject Matter Experts Can include:

- Career Readiness
- College Readiness
- Teaching
- Social Issues
- UNM Health Sciences Center
- CNM Advanced Technologies Center
- UNM STEM Collaborative Center
- NMSU Department of Engineering
- NMSU College of Education
- The Golden Apple Association
- The NM Board Certified Teachers Association
- The Apple Fellows
- Buck Institute for Education
- Project Lead the Way

Part Two of each ECHO session includes

- **Case Based Learning** within the Knowledge Network's Professional Learning Community including
- Presentation of a complex and disorienting dilemma related to the school's system of teaching and learning
- Presentations of students that present specific challenges to support their goals and transition to college and career.

ECHO for Education: Activities & Milestones


- Introduction Webinar: Oct 16th at 3:30pm
- "Request to Participate" letter and signed "Memorandum of Understanding" due: October 27th
- Letters of Award sent November 8th
- Immersion and Orientation: ECHO for Education kick-off workshop November 30th
- ECHO Practice Session Dec. 5th or Dec 6th 4:00pm
- NM ECHO for Education sessions begin - Week of January 8th through May 1st
- NM ECHO for Education Celebration and Presentation of Best Practices: Week of June 18th

Memorandum of Understanding to Participate Includes:

- Attend the introduction/immersion event in Albuquerque (lodging and mileage paid) on November 29th (evening) & 30th all day
- Participate in 90% of the weekly Sessions - likely on Tuesday's or Wednesday's (TBD) at 4:00 to 5:00
- Present two "cases" - challenging dilemmas
- Participate in all evaluation activities
- Design and facilitate a professional learning event and share with your school community and the ECHO Education Network.
- Participate in the celebration and sharing event in June in Albuquerque

Next Steps:

- Find and gain commitment from your thought partner for your Spoke
- Call or email any questions and need for clarification to michael.stanton2@state.nm.us or 505-400-0172
- Send a simple email letter of interest to participate to Dr. Stanton
 - The **Memorandum of Understanding** will be sent upon receipt of your email
- Do a scan of your technology and identify a location for your Spoke to participate in each ECHO session
 - Include in your Memorandum of Understanding a request for support for technology. Ten awards of as much as \$500 will be made on an as needed basis



Thank you for your time
and consideration!

Michael Stanton, Director
New Mexico ECHO for Education