Quick Chat: Strategies to Support Remote Learning Along a Continuum of Internet Access
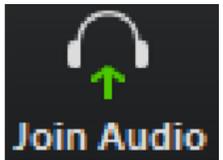
Regional Educational Laboratory Central

# Poll

What is the biggest challenge you currently face in providing remote learning in your district?

- – Infrastructure

- – Instructional supports

- – Student support and feedback

- – Parent/Guardian support and communication

- – Other

IES Institute of Education Sciences

Using the Zoom Platform

- If you are not already connected to audio, click **Join Audio** in the Zoom toolbar.

  - You have the option to dial into the phone line or listen through computer audio.
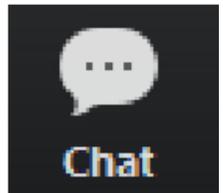
- Click on the **Chat** box to introduce yourself, access resources or Live Captioning, or let us know about any technical issues.

- Click on the **Q&A** box to submit questions to the panelists.

IES Institute of Education Sciences

Quick Chat: Strategies to Support Remote Learning Along a Continuum of Internet Access

Regional Educational Laboratory Central

IES Institute of Education Sciences

Welcome and Overview

REL Central – Who We Are

The Regional Educational Laboratory (REL) Central at Marzano Research serves the applied education research needs of Colorado, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Wyoming.
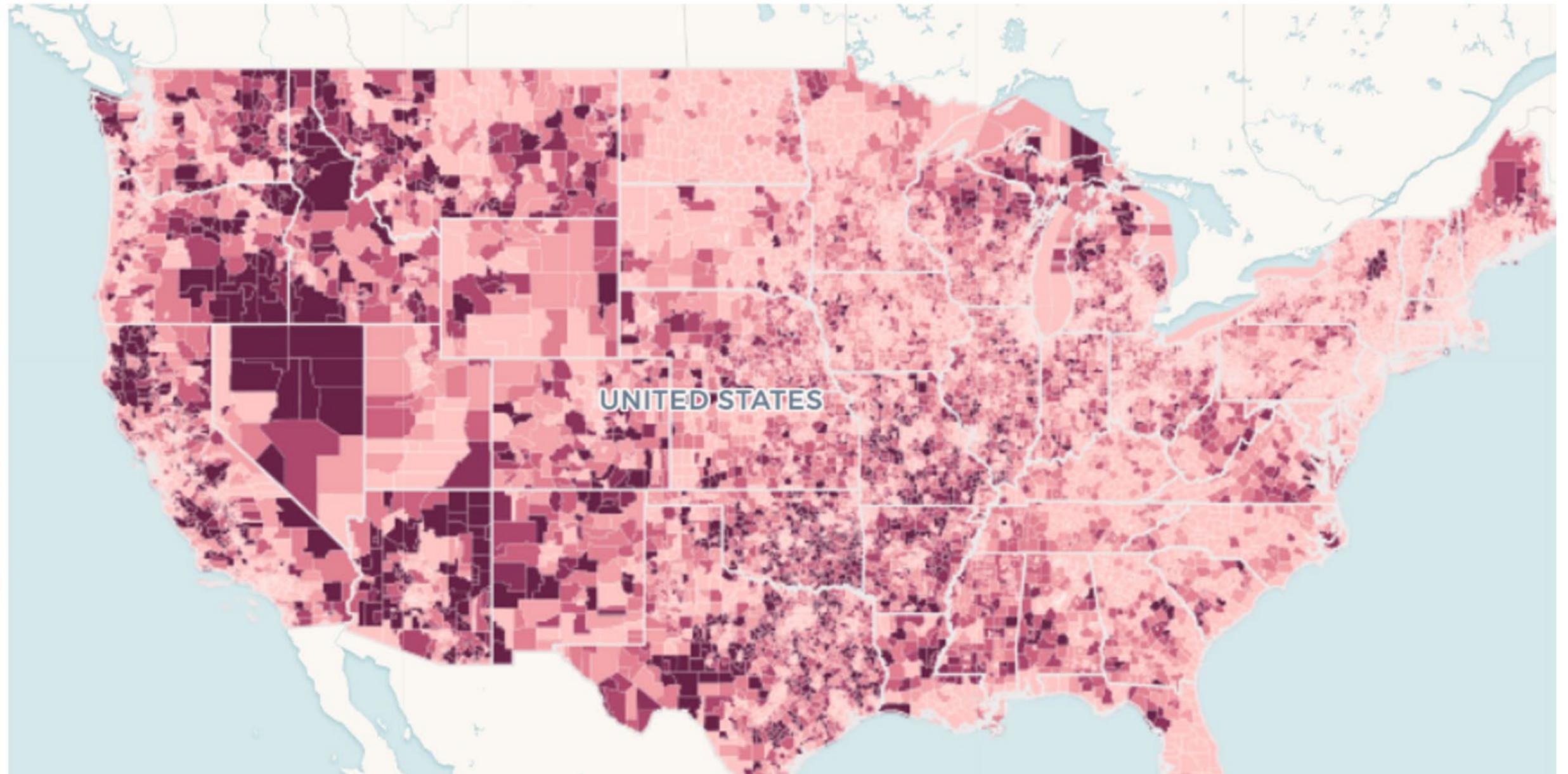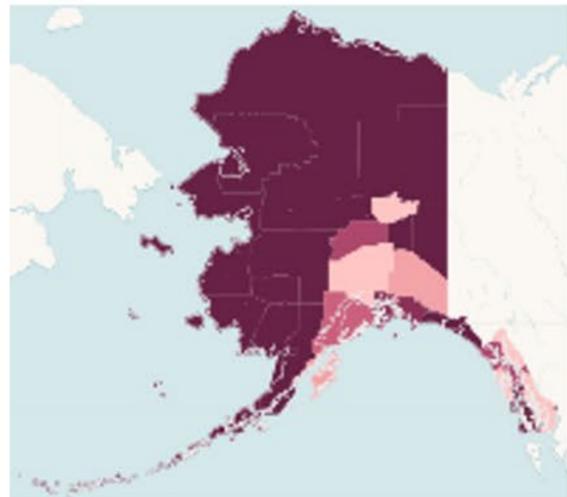
Institute of Education Sciences

Meet the Presenters

- **Douglas Gagnon**, Senior Researcher, REL Central

- **Morris Lyon**, Superintendent, Hawkins Independent School District

- **Andrew Moore**, Chief Information Officer, Boulder Valley School District

Institute of
Education Sciences

Digital Divide

PERCENT LACKING BROADBAND ACCCES

0 %   100 %

UNITED STATES

Honolulu

Institute of
Education Sciences

Strategies to Promote Remote Learning
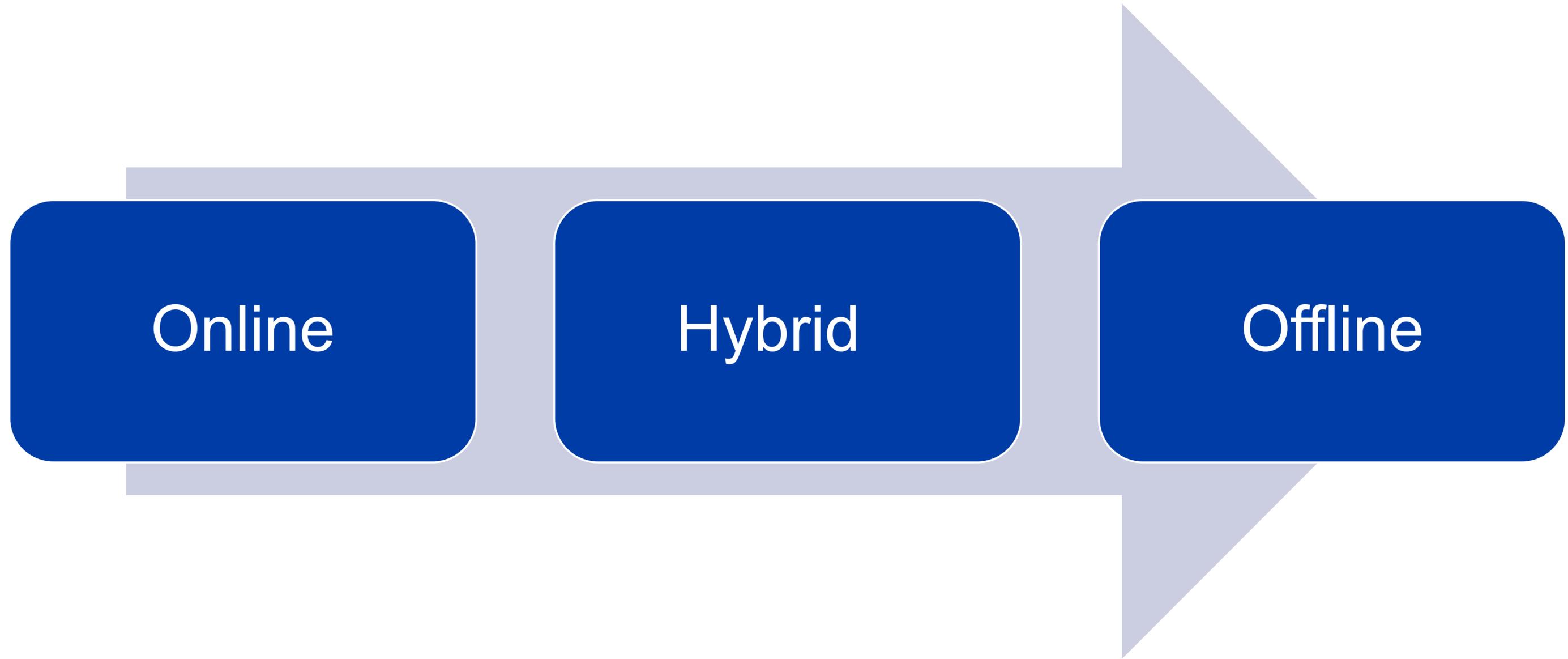
Online → Hybrid → Offline

Strategies to Support Remote Learning

Conversation: Bridging the Digital Divide

Infrastructure

What infrastructure are you using to deliver remote learning?

Infrastructure

How will you build the infrastructure for delivering remote learning?

Online
- High-speed Internet
- Free/low cost Internet programs
- Access to Wi-Fi networks
- Mobile hotspots
- Mesh networks, fixed wireless broadband
- Expanding Internet over phone lines (e.g., DSL)
- Smartphone/apps

Hybrid
- WiFi buses to create hotspot
- Business/school Wi-Fi for upload/download
- Travel to Wi-Fi zones
- Public radio and TV (local access/PBS)
- Texting (text and short videos)
- Bus routes

Offline
- Pickup/distribution locations
- USB drives (to share and return materials)
- Mail/prestamped envelopes
- Free printing at businesses to distribute materials
- Telephone
- Bins of school supplies available at pickup locations

Institute of Education Sciences

Instruction

What learning activities or resources are you using to support students?

Instructional Supports

What learning activities or resources will you use?

Online

- Online curriculum (complete curriculum offered through various organizations)
- Professional Development (PD) or Professional Learning Centers (PLCs) for teachers for remote learning plans
- Online activities (individual learning activities or lessons)
- School Learning Management System (LMS) – Google Classroom, Schoology, Canvas, etc.

Hybrid

- Recorded video/screencast from teachers
- Podcasts
- Apps
- Social media
- Instructional TV shows
- Audio-only Zoom call
- Packets (daily, weekly)
- Regular conference calls with instructional staff

Offline

- Real-life projects (class, cross-curricular)
- Choice boards/list of self-directed activities to choose from
- Home-based projects (cooking, woodworking, activities based on household items)

Institute of Education Sciences

Student Supports

How are you providing support and feedback to students?

Student Supports

How will you provide support and feedback to learners?

Online
- Online classes and individual meetings
- Feedback through LMS
- Virtual office hours
- Email
- Social media

Hybrid
- Teacher helpline/call center
- Teacher calls to students

Offline
- School phone linked to teachers' personal phones
- Virtual meetings/audio-only meetings for students
- Mail
- Bus pickup of completed materials

Institute of Education Sciences

Parent/Guardian Communication

How are you communicating with and providing support to parents/guardians?

Parent/Guardian Supports

How will you communicate with and provide support to parents?

Online

- Explicit/scaffolded directions included with all activities
- Websites with parent info, including resource links
- Teacher-recorded video/ screencast focused on instructions to parents
- Communication apps
- Social media
- Radio

Hybrid

- TV
- Newspaper
- Group calls
- Teacher call centers
- Answer keys

Offline

- Use of Google Voice or system to call from school phone instead of teachers' personal phones
- Mail

IES Institute of Education Sciences

Opportunities

What opportunities do you see emerging from the shift to remote learning?
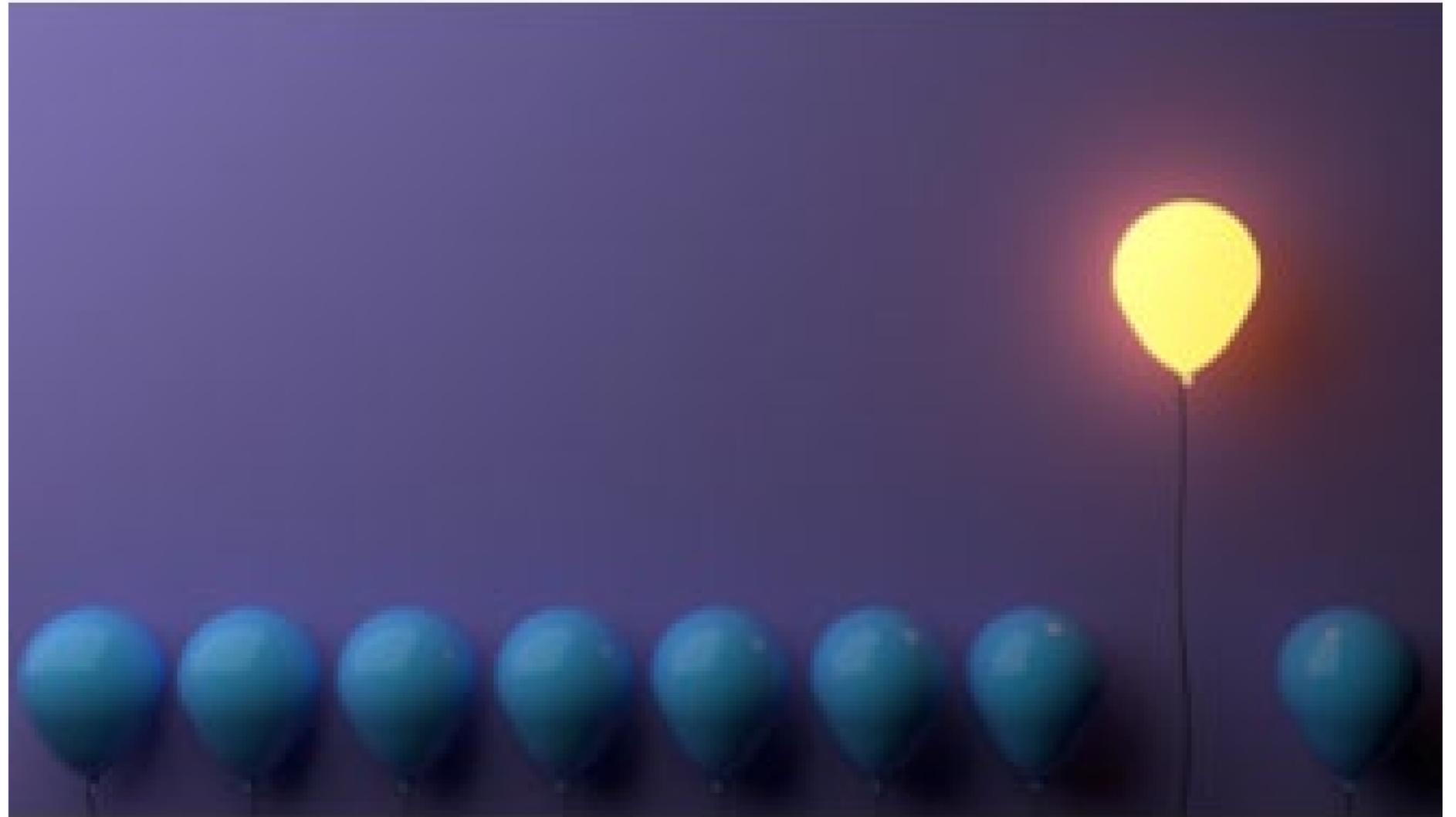
Additional U.S. Department of Education and REL Network Resources

- In response to COVID-19, the RELs have collaborated to produce a series of evidence-based resources and guidance about teaching and learning in a remote environment as well as other considerations brought about by the pandemic.

    – https://ies.ed.gov/ncee/edlabs/projects/covid-19/

Institute of Education Sciences

Share Your Feedback

- As you exit the webinar, please complete the survey that will open in a separate window.

- Your comments and feedback will inform future events and resources.

Thank You

Please visit our website and follow us on Twitter for information about our events, priorities, and alliances, and for access to our many free resources.

ies.gov/ncee/edlabs/regions/central/index.asp

@RELCentral

Or contact us at RELCentral@MarzanoResearch.com

IES **Institute of Education Sciences**