

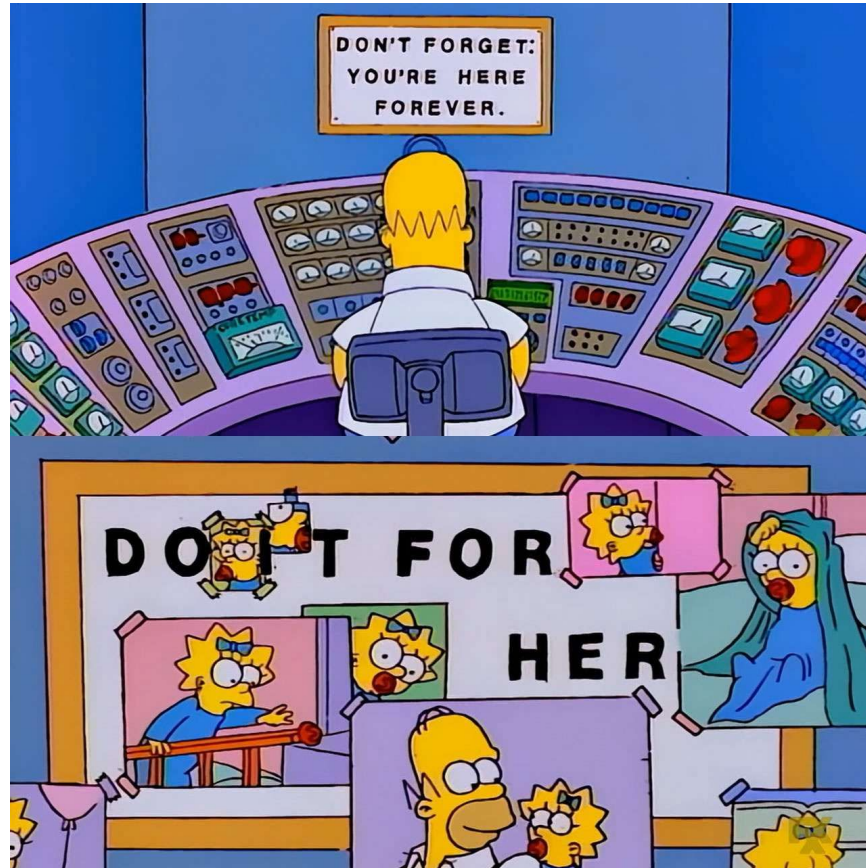
Distance Learning Environments Tech Talks

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What Are We Learning?

“After this tech talk, educators will be able to implement learning and design principles, best practices, and technology in a distance learning environment to support student learning.”



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What Are We Doing?

1. What is a distance learning environments?
2. How do you design a distance learning environment?
3. How can we support students in distance learning environment?
 - Resource wrap-up

Distance Learning Environment (DLE)?

- Definition: a space where learning occurs outside the traditional classroom setting.
- Pros: builds independence, focus on learning, flexibility, learn at own pace, information availability.
- Cons: lack of self monitoring & study skills, less opportunities for interaction, easy to fall behind, technology issues, lack of physical practice.



Remote Learning 101



There is no one right way



Develop a plan through consensus



Assign a manageable workload



Don't put too much responsibility on parents



Work to ensure equity



Determine what is feasible
(digital, non-digital, blend)



Avoid low-level worksheets and packets



Utilize playlists and choice boards



Assign independent reading and reflective questions

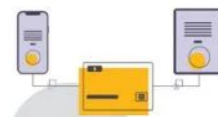


Figure out which digital tools are best



Communicate excessively with stakeholders



Make time for check-ins
(phone calls, virtual office hours)



Be flexible with teachers



Ensure accommodations are in place for SPED

[“Remote Learning 101”](#) Image by [Eric Sheninger](#) in [Navigating the Journey to Remote Learning](#) from the [International Center for Leadership in Education](#).



Designing a DLE?

- Strategies from Learning Theories.
- Best practices from Universities.
- Resources from the OK Department of Education.

Design from Learning Theories pt. 1

- Behaviorism: learn by forming good and useful habits.
- Cognitivism: learn by properly processing new, connected, meaningful knowledge.
- Constructivism: learn by connecting socially and collaboratively.

Source: [5 Educational Learning Theories and How to Apply Them](#) by Brian Fairbanks from [the University of Phoenix](#).



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Design from Learning Theories pt. 2

- Humanism: learn by supporting interest, emotion, and motivation.
- Connectivism: learn by finding and sourcing updated and accurate information across networks using technology.

Source: [5 Educational Learning Theories](#) by [Western Governors University](#).



Design from Universities pt. 1

- “The basis of teaching is the same for every modality.”
- “Look for opportunities for students to engage with you and each other; moreover, long lectures support passive learning and are not as effective.”
- “Set classroom norms.”
- “In technology, less is more.” Build confidence in a few.

Source: [Teach Remotely: Pedagogical Best Practices](#) by [Harvard University](#).



Design from Universities pt. 2

- Communicate with students.
- Be flexible and inclusive.
- Distribute course materials and readings.
- Foster communication and collaboration among students.
- Collect assignments (efficiently and effectively).

Source: [Teach Anywhere: Best Practices](#) by [Stanford University](#).



Design from OK Department of Education

- High-Level Planning: “Identify essential outcomes/needs/competencies.”
- Student Instructional Supports & Interactions: “Be patient as students learn how to work online.”
- Technology & Online Instruction: “Monitor student morale and workload.”

Source: [Oklahoma Resources for Distance Learning](#) from the [Oklahoma Department of Education](#).



Supporting Students in a DLE?

- Universal Design of Learning.
- Technology.
- Social-Emotional Learning (SEL).

Supporting Students: UDL

- “Designing curriculum with the intention to meet the diverse needs of students.”
- Anticipate barriers and provide multiple means of...
 - Engagement: interest, effort, **self-regulation**.
 - Representation: highlight, vocabulary, senses.
 - Action & Expression: response, feedback, support.

Source: [The UDL Guidelines](#) by [Center for Applied Special Technology \(CAST\)](#).



Supporting Students: Technology

What tools do my students need? “Right tool...right job.”

- Learning Management System (LMS)
- Interaction
- Curating content
- Creating content
- Collaboration

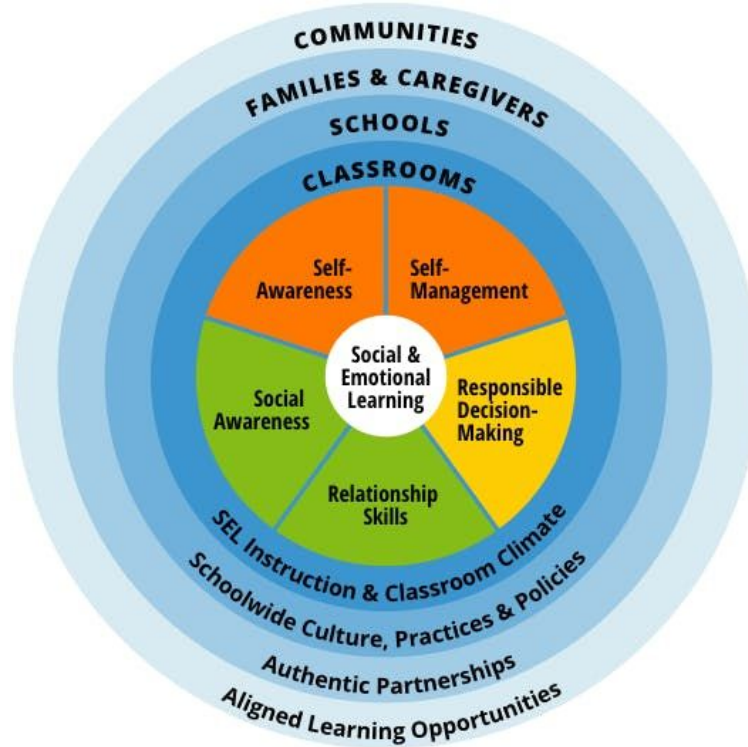
OPSRC's Tech Talks

- Graphic design: Book creator, Canva, Adobe Creative Cloud Express (formerly Adobe Spark).
- Video: Flipgrid, YouTube, Screencastify.
- Assessment: Quizizz, Kahoot!, Nearpod.
- Portfolios: Seesaw, Google Sites, Blogger.
- Ideas & organization: Wakelet, Coggle, Jamboard.

Source: [Tech Talks](#) by [Oklahoma Public School Resource Center \(OPSRC\)](#).



Supporting Students: Social-Emotional



"[CASEL Wheel](#)" image by [CASEL](#) in [Fundamentals of SEL](#).
Interactive CASEL wheel.

Remote/Distance Learning Resources

- [5 Educational Learning Theories](#) by Brian Fairbanks.
- [Oklahoma Resources for Distance Learning](#) by OK State Dept of Edu.
- [Teach Remotely: Pedagogical Best Practices](#) by Harvard University.
- [Designing Your Course for Online Instruction: Principles and Tips](#).
- [Optimizing Video and Audio for Online Instruction](#).
- [Teach Anywhere: Best Practices](#) by Stanford University.
- [The UDL Guidelines](#) by Center for Applied Special Technology (CAST).
- [6 UDL practices for online learning](#) by Gabrielle Rappolt-Schlichtmann.
- [Best Practices for Making the Switch to Virtual Instruction](#) by Edmentum.
- [What Is the CASEL Framework?](#) by CASEL

Technology Integration Goodies

- [Technology Integration Matrix \(TIM\)](#) by Florida Center for Instructional Technology – compares 5 characteristics of meaningful learning environments to 5 levels of tech integration.
- [TPACK Framework](#) by Punya Mishra and Matthew J. Koehler of Michigan State University – analyzes the interaction between technological, pedagogical, and content knowledge.
- [ISTE Standards for Students](#) by [ISTE](#).
- [Refresh Your Teaching with the ISTE Standards for Students](#) by Fanny Passeport of [Common Sense Education](#).



Thank you!

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