

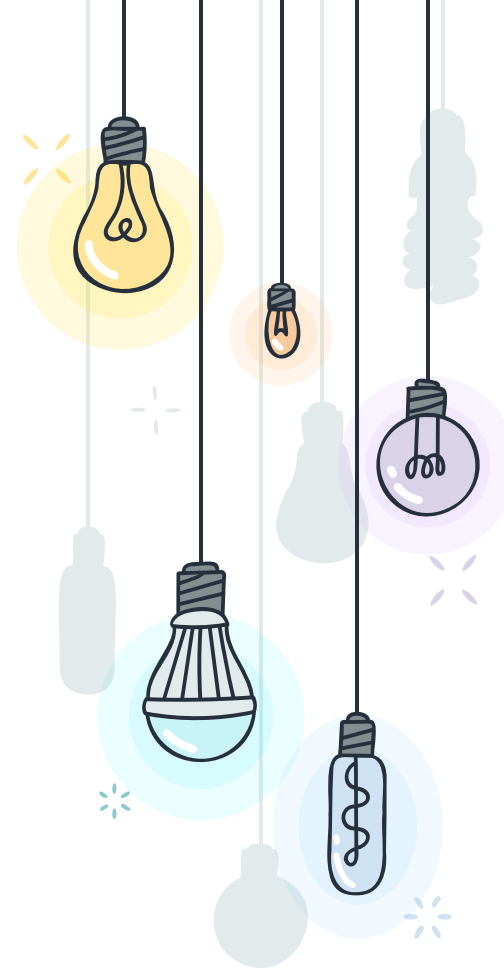


OK BOOMER!

ED TECH TOOLS THAT FOSTER ACTIVE LEARNING EVERYWHERE ALL AT ONCE
EMILY C. THOMPSON & BETH MARSHALL



Scan QR Code
Select “Skip for Now” and then “Skip”
Answer the Question



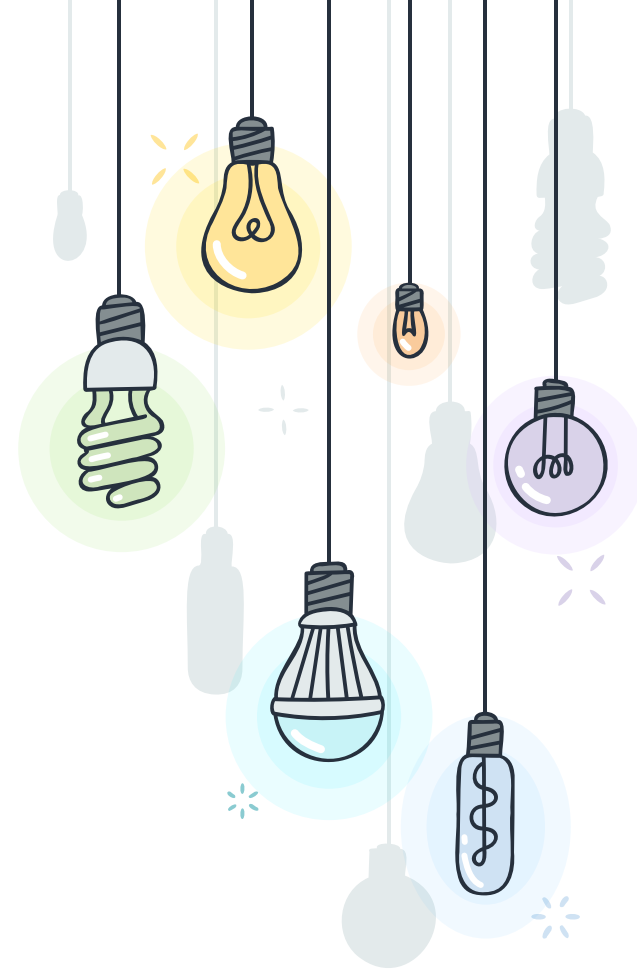
How does your training take place?



* INTRODUCTIONS

Introduce yourself to the folks at your table.

What's your experience with technology and training?



* AGENDA

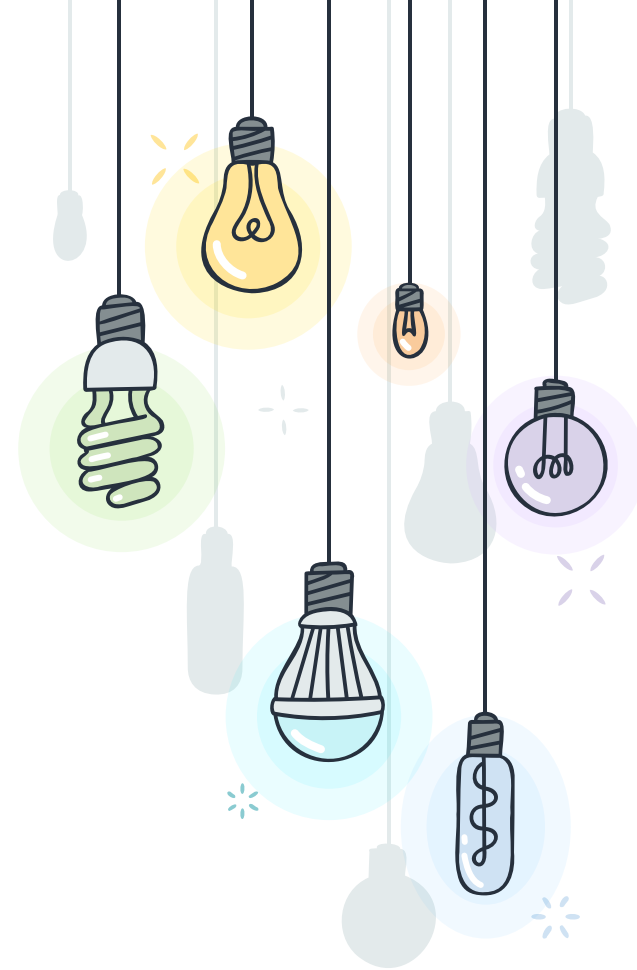
Universal Design for Learning

3 Es for Using Ed Tech Tools

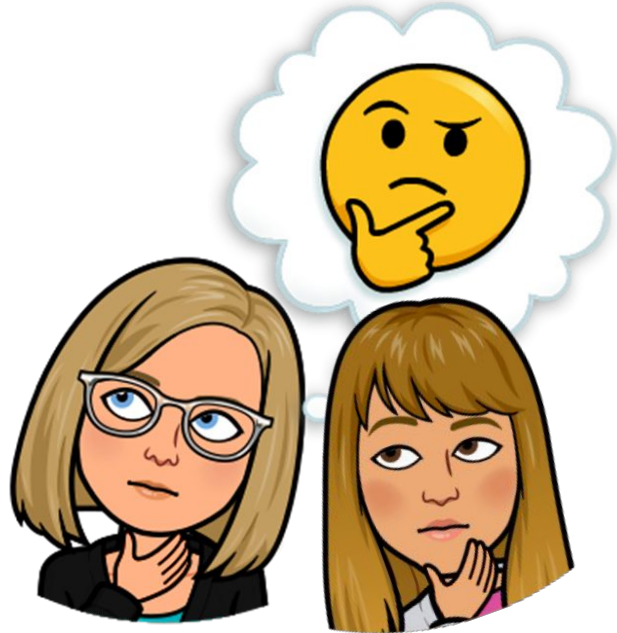
Our Top 3 Tools

Tips and Hints

Try it Out!



* IF ONLY....



UNIVERSAL DESIGN FOR LEARNING

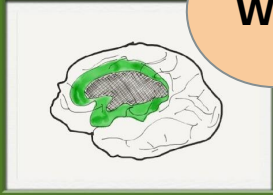
1

A framework to improve and optimize teaching and learning for all people based on scientific insights into how humans learn.

-CAST



Engagement



Why

Offer options and supports to stimulate motivation and sustained enthusiasm for learning

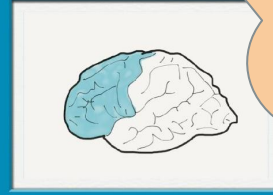
Representation



What

Present information in different ways to support access and understanding

Action & expression



Why

Offer options and supports to all so everyone can create, learn, and share





Provide multiple means of Engagement

Affective Networks
The "WHY" of Learning



Provide multiple means of Representation

Recognition Networks
The "WHAT" of Learning



Provide multiple means of Action & Expression

Strategic Networks
The "HOW" of Learning



Access

Provide options for Recruiting Interest

- Optimize individual choice and autonomy
- Optimize relevance, value, and authenticity
- Minimize threats and distractions

Provide options for Perception

- Offer ways of customizing the display of information
- Offer alternatives for auditory information
- Offer alternatives for visual information

Provide options for Physical Action

- Vary the methods for response and navigation
- Optimize access to tools and assistive technologies

Build

Provide options for Sustaining Effort & Persistence

- Heighten salience of goals and objectives
- Vary demands and resources to optimize challenge
- Foster collaboration and community
- Increase mastery-oriented feedback

Provide options for Language & Symbols

- Clarify vocabulary and symbols
- Clarify syntax and structure
- Support decoding of text, mathematical notation, and symbols
- Promote understanding across languages
- Illustrate through multiple media

Provide options for Expression & Communication

- Use multiple media for communication
- Use multiple tools for construction and composition
- Build fluencies with graduated levels of support for practice and performance

Internalize

Provide options for Self Regulation

- Promote expectations and beliefs that optimize motivation
- Facilitate personal coping skills and strategies
- Develop self-assessment and reflection

Provide options for Comprehension

- Activate or supply background knowledge
- Highlight patterns, critical features, big ideas, and relationships
- Guide information processing and visualization
- Maximize transfer and generalization

Provide options for Executive Functions

- Guide appropriate goal-setting
- Support planning and strategy development
- Facilitate managing information and resources
- Enhance capacity for monitoring progress

Goal

Expert learners who are...

Purposeful & Motivated

Resourceful & Knowledgeable

Strategic & Goal-Directed

Active Learning?

Provide multiple means of **Engagement**

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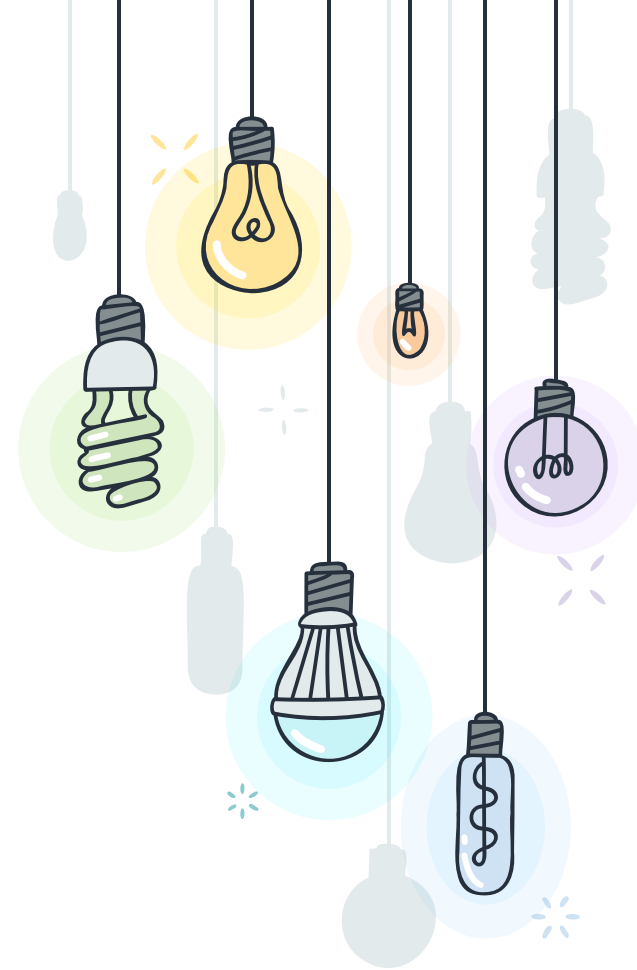
2

3 ES OF USING ED TECH TOOLS



* 3 Es

- + Easy to use
 - × Grandma Rule
- + Engagement
 - × Connection with you and each other
- + Enhance Learning and Understanding



3

ED TECH TOOLS

Whiteboards!

Digital whiteboards



* WHITEBOARD FEATURES

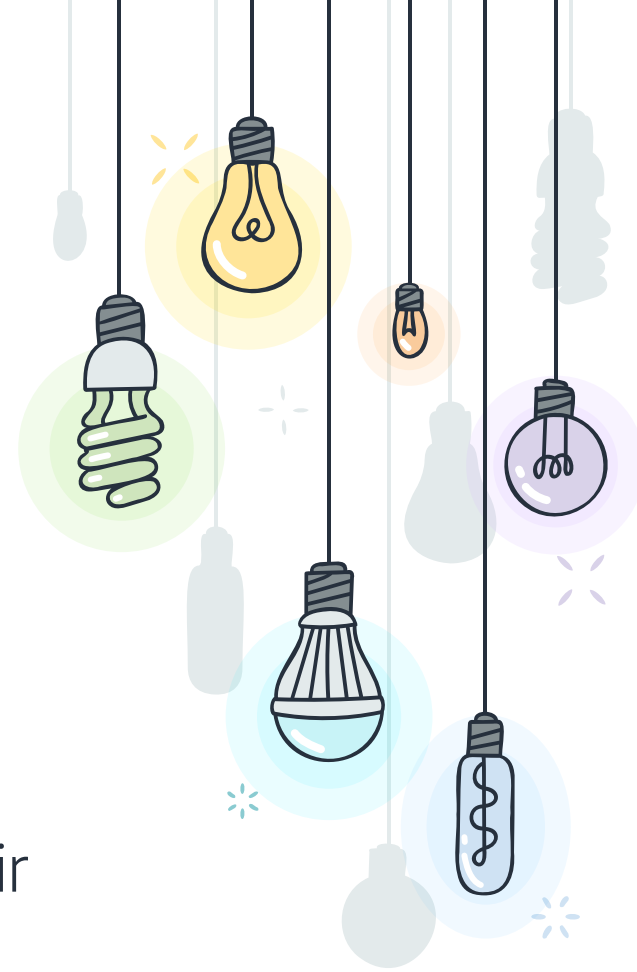


- + Free!
- + Easy to add text, sticky notes, photos
- + Multiple boards
- + Participants can “view only” or “edit”



* ADDITIONAL IDEAS

- + Add links to chat so participants can access them
- + View mode:
 - × Use to share directions for breakout rooms
- + Editor mode:
 - × Breakout rooms can use to make their thinking visible or work on activities



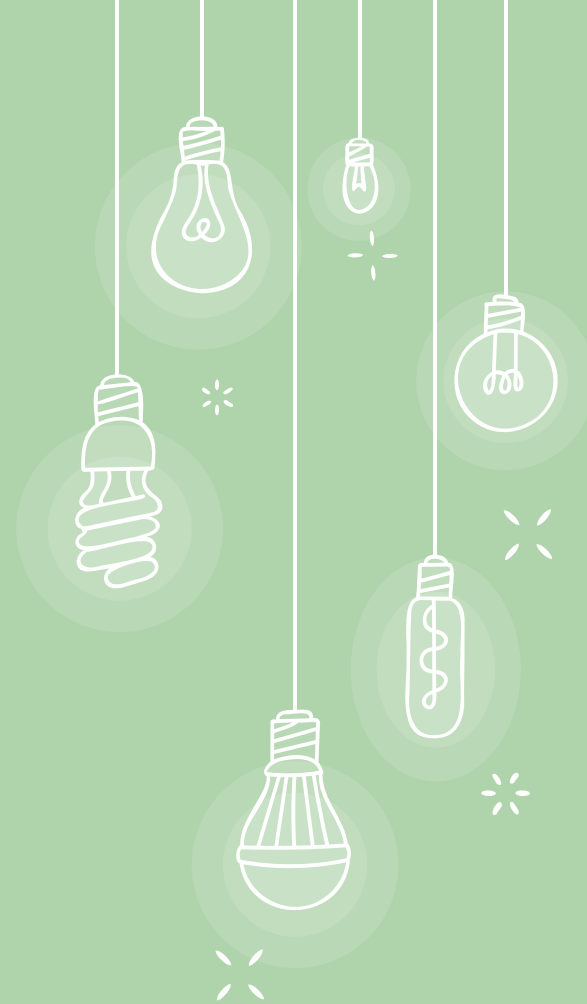
“ Inspiration Tour

- + Tweet Like a Theorist
- + In-class brainstorming: Create a group agreement
- + Breakout room (edit): Talking to children about their art
- + Breakout room (edit): Developmental Range and Scaffolding strategies
- + Breakout room (view): Scenario



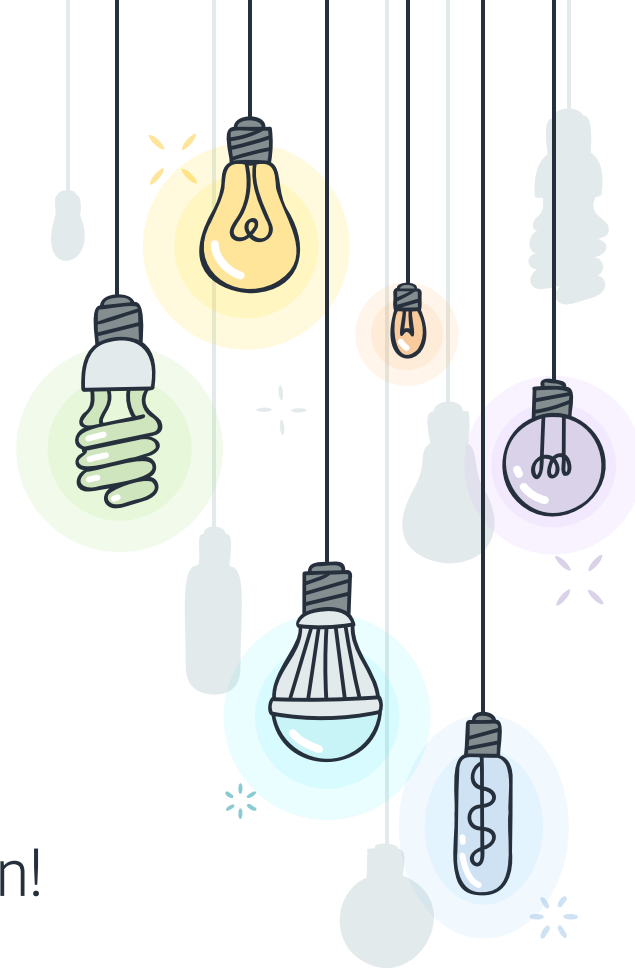
WHITEBOARDS: OUR REVIEW

- + Easy to use
- + Easy to recycle for new groups
- + Easy to copy for multiple sessions
- + Check if using on a phone - you may have to download an App.



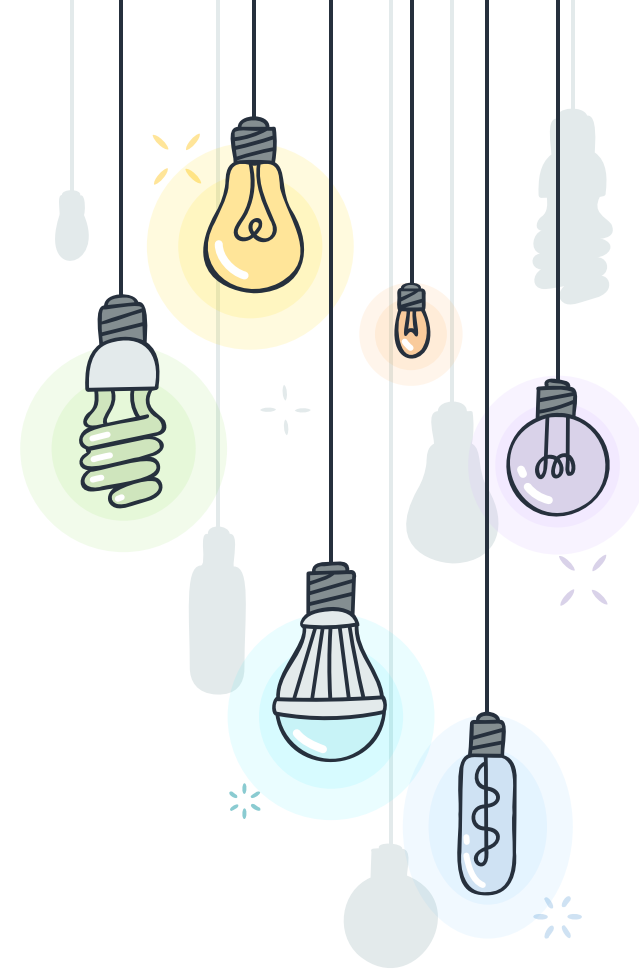
* UPDATE ON JAMBOARDS

- + Jamboards are going away
 - × Can download them as a PDF so you don't lose your content
- + Zoom Whiteboards
 - × Must have a Zoom account to access
- + Microsoft Whiteboard
- + Use Google Slides as a Whiteboard option!



* USE GOOGLE SLIDES LIKE A WHITEBOARD!

- + Turning Praise into Encouragement
- + Selfie Introductions





**Ed Tech Tools
Notes**

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Goal

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Strategic & Goal-Directed

Whiteboards and UDL

4

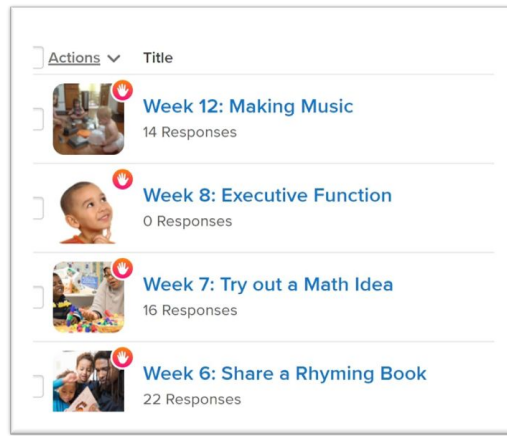
ED TECH TOOLS

Flip

Short video responses



* FLIP FEATURES



- + Free!
- + Easy to use from your phone - just point and shoot!
- + Can add stickers to cover face if camera shy
- + Has built-in adaptive reader - ADA compliant!



* FLIP IDEAS

- + Set up Groups for different training groups
- + Add topics to each group
- + Use a QR code for easy access
- + Use this in place of discussion boards or group discussions



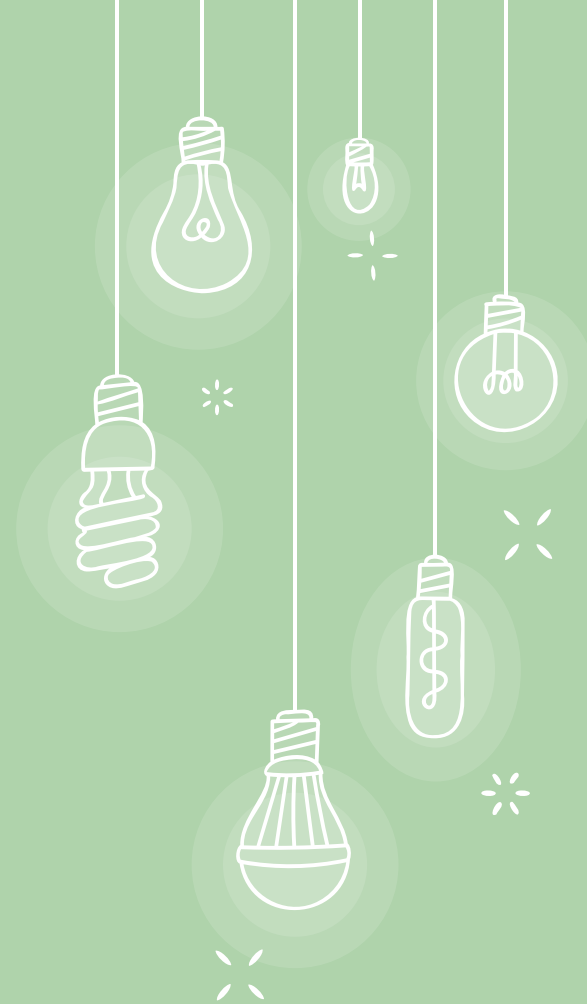
“ Inspiration Tour

- + Assignment: Use descriptive language with infants and toddlers
- + Assignment: Create a treasure basket
- + Assignment: Practice conflict resolution by role playing with stuffed animals or your roommates



FLIP: OUR REVIEW

- ✦ Super easy to set up and use
- ✦ Helps everyone get to know each other, especially online students
- ✦ Option to have participants reply to the videos
- ✦ Hint: You can replay videos in a faster speed to hasten the grading process

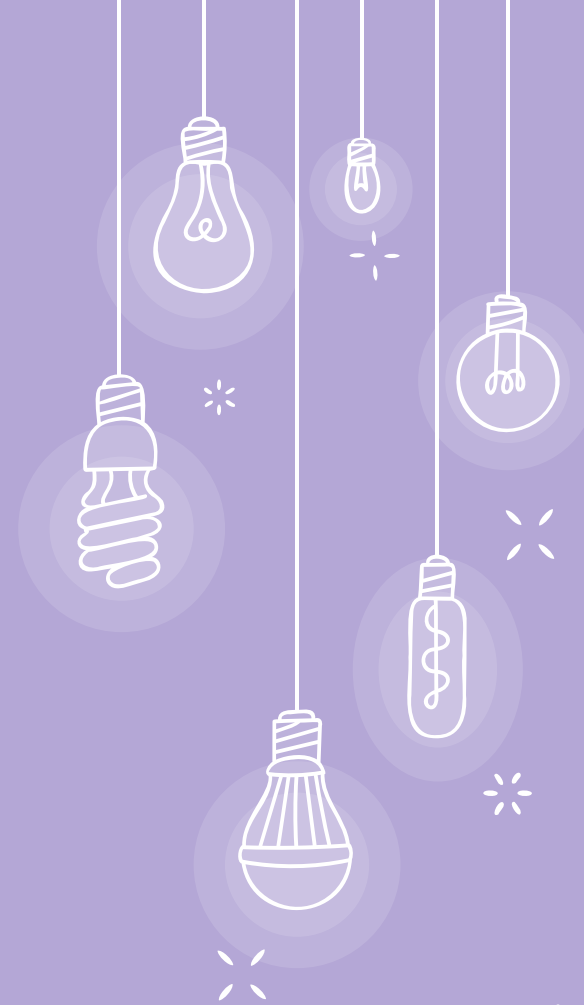


FLIP DEMO

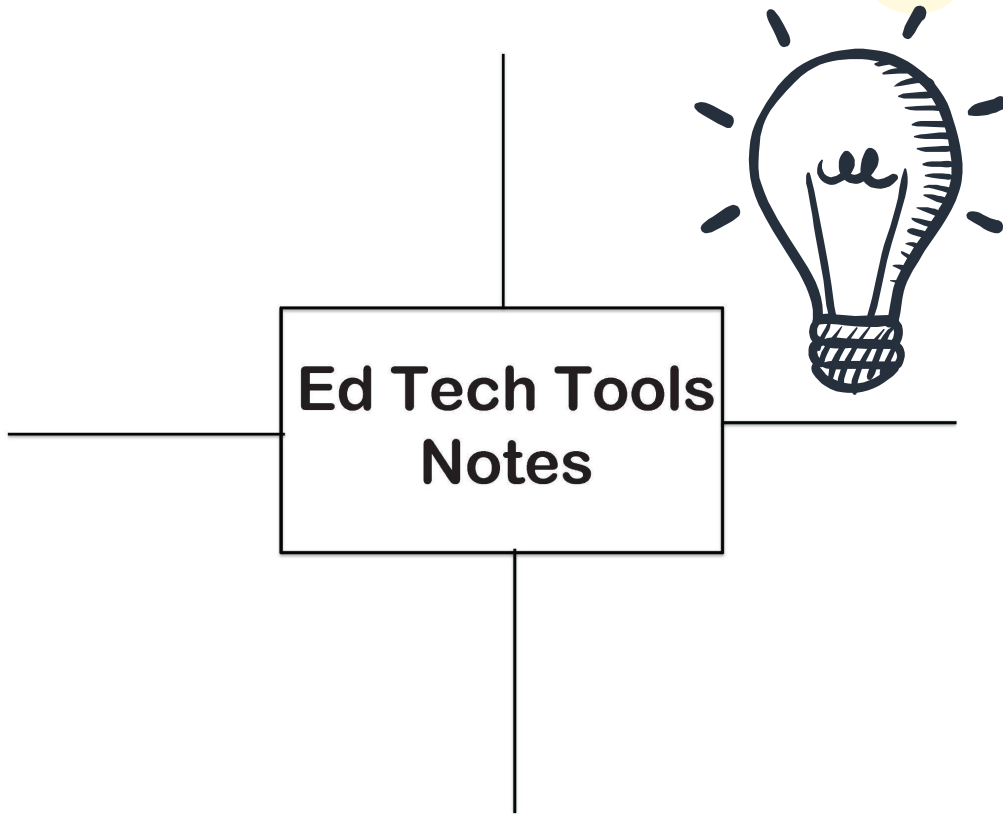
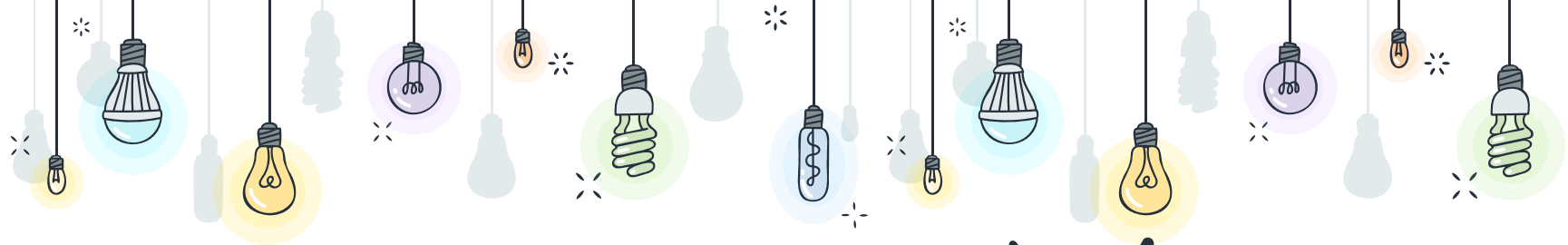


Record a short video using Flip:

- Your first name
- 1 thing you want to remember from your HighScope Conference experience
- 1 fun thing you've done



Join Code: hs2024



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Affective Networks
The "WHY" of Learning



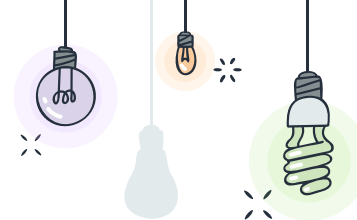
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Flip and UDL

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ED TECH TOOLS

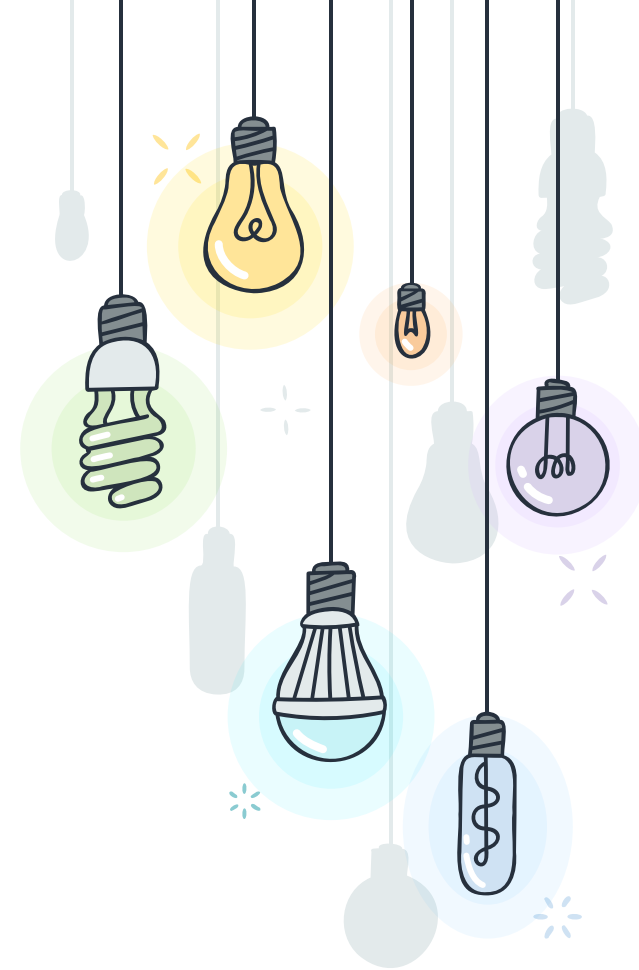
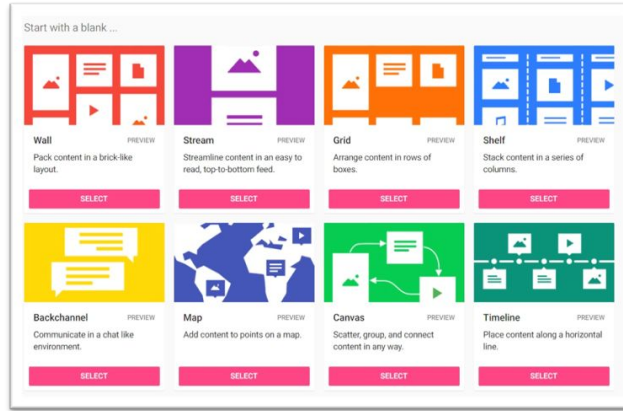
Padlet

Structured boards with
templates



* PADLET FEATURES

- + 3 free
- + Easy to use
- + Lots of interesting layouts
- + Can choose colors, fonts, photos, etc.
- + Never go away



* PADLET IDEAS

- + Map template is great for ice breakers
- + Great for collecting ideas over time
- + Can “delete all posts” to reuse for the next group



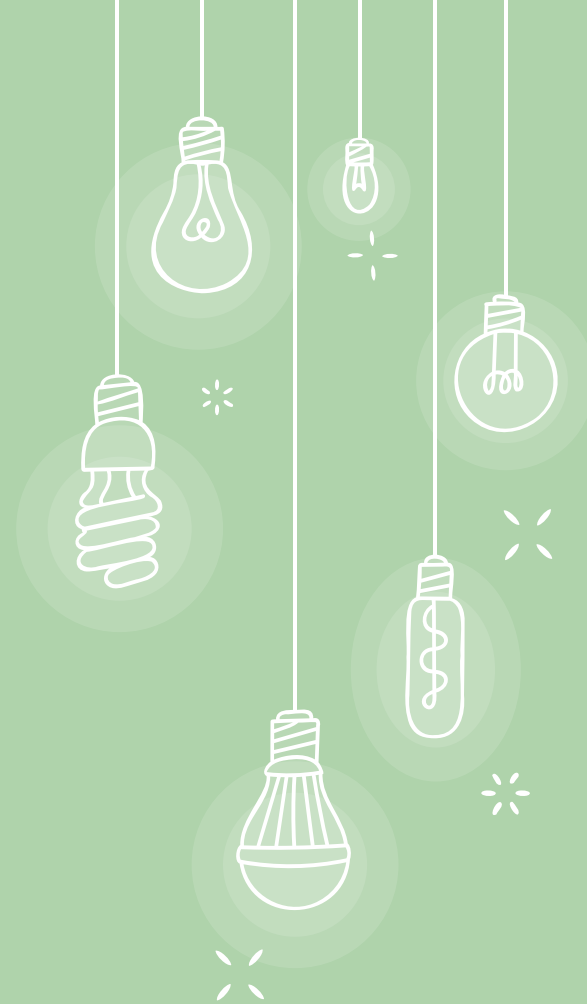
“ Inspiration Tour

- + Assignment: Process or Product Art
 - × Thumbs up for process
 - × Thumbs down for product
- + Resource: Upload small group lesson plans
- + Resource: Reading Reflections/Book Study by chapters
- + Resource: Multi-day training reflections



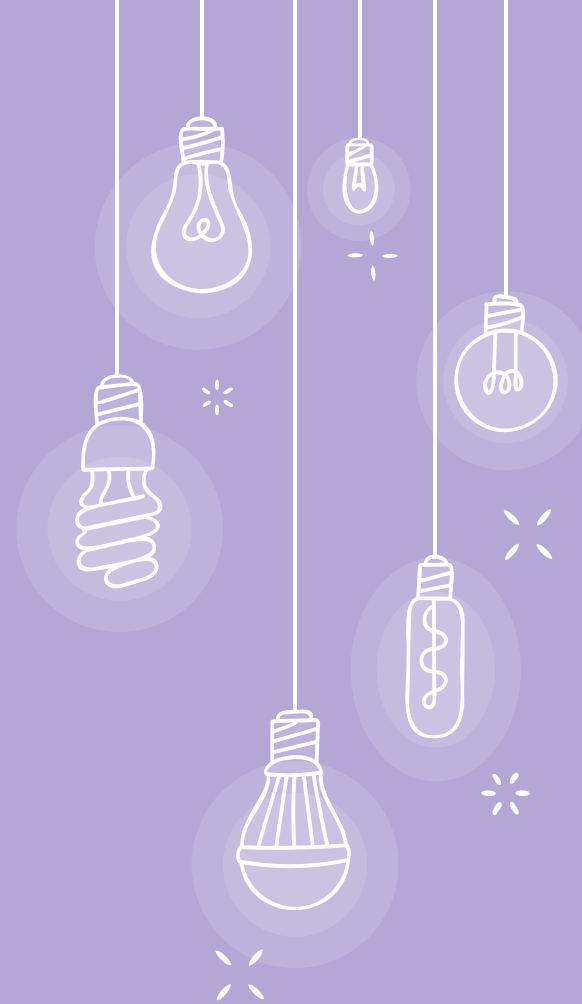
PADLET: OUR REVIEW

- + Super easy to set up and use
- + Great for special layouts
- + Easy to grade participation
- + Love the thumbs up, thumbs down feature!
- + Can turn off names if sharing



TRY IT OUT!

Share your Favorite HighScope Training Topic





**Ed Tech Tools
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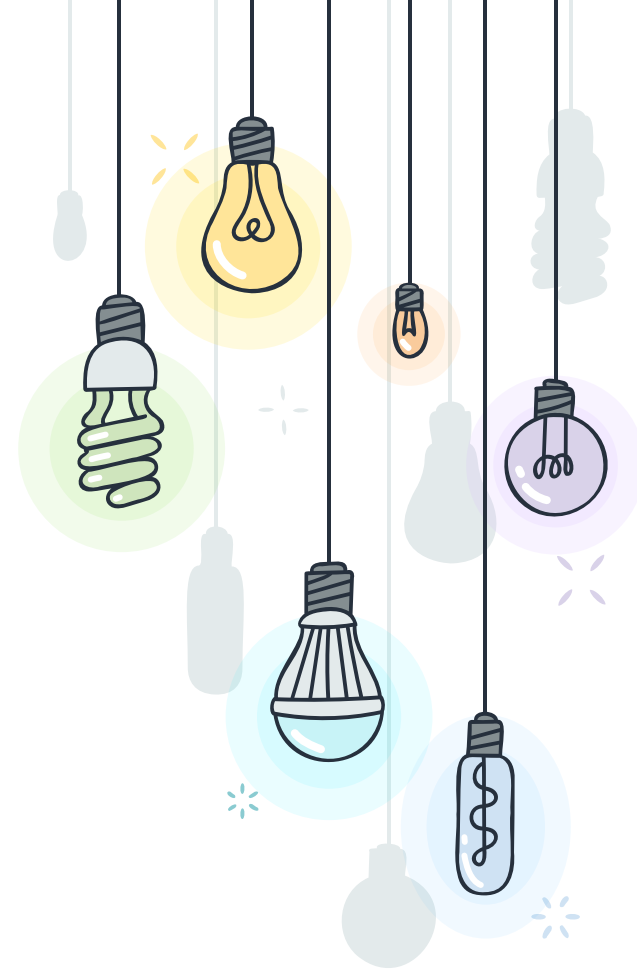
Resourceful & Knowledgeable

Strategic & Goal-Directed

Padlet and UDL

* OTHER IDEAS

- + Gaming tools
 - × Kahoot
 - × Blooket
- + Poll everywhere
 - × Word clouds
 - × Polls



7

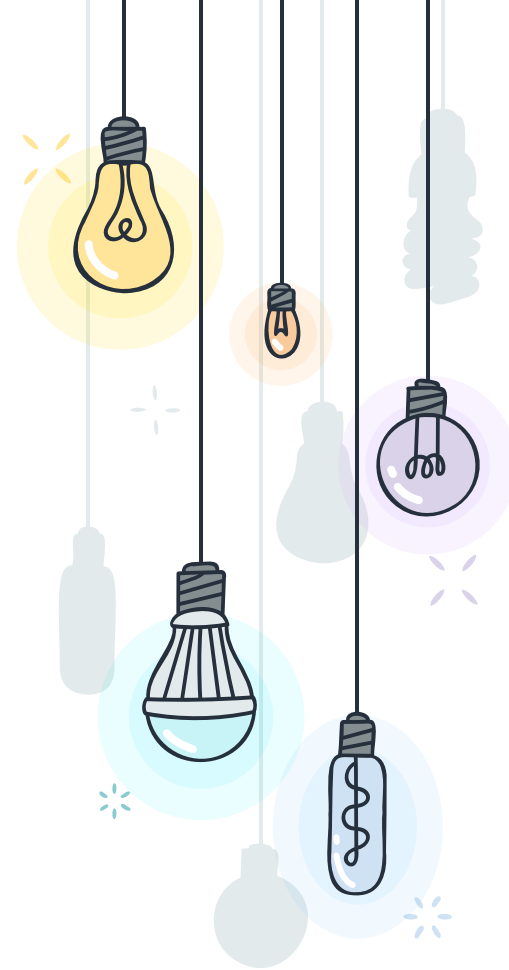
TAKE IT FROM US





TIPS AND HINTS

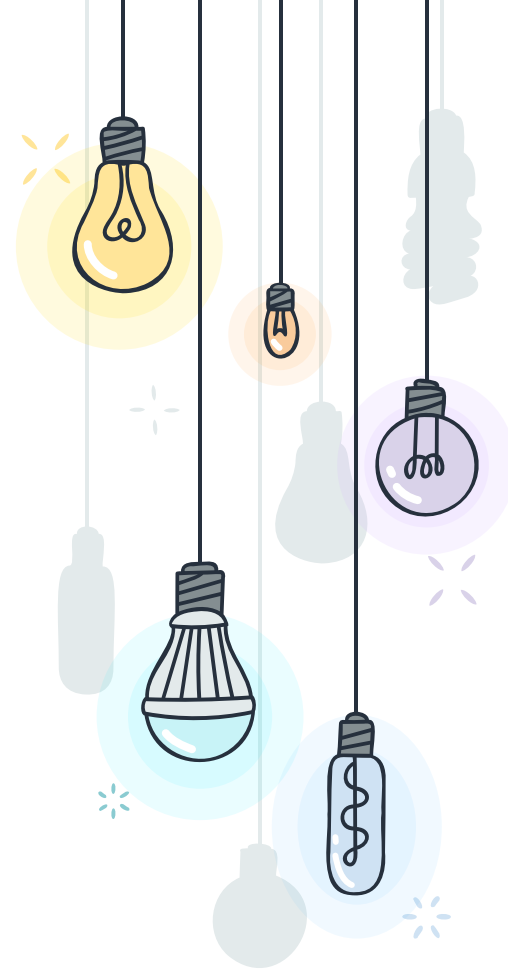
- + Start simple with the tools you are comfortable with
- + Always demonstrate how to use the tool
- + Limit the number of tools participants have to use
- + Have a back-up plan in mind
- + Have fun!





TIPS AND HINTS

- + Assess the tool's effectiveness
 - × 3 Es?
 - × UDL purpose?
- + Get feedback from your group about the tool
- + Give yourself grace



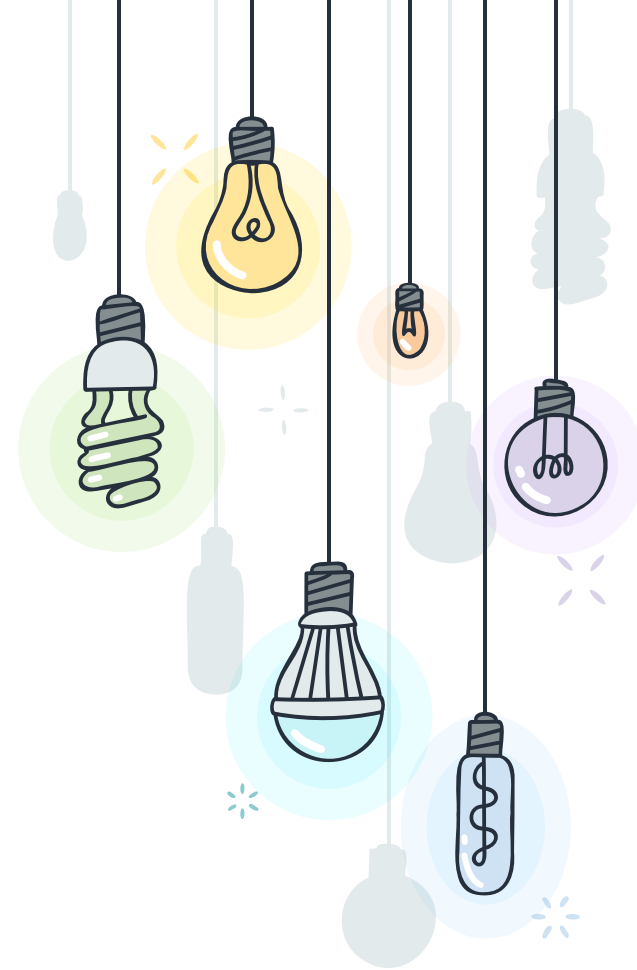
8

UPPING YOUR TECH GAME






* UPPING YOUR TECH GAME

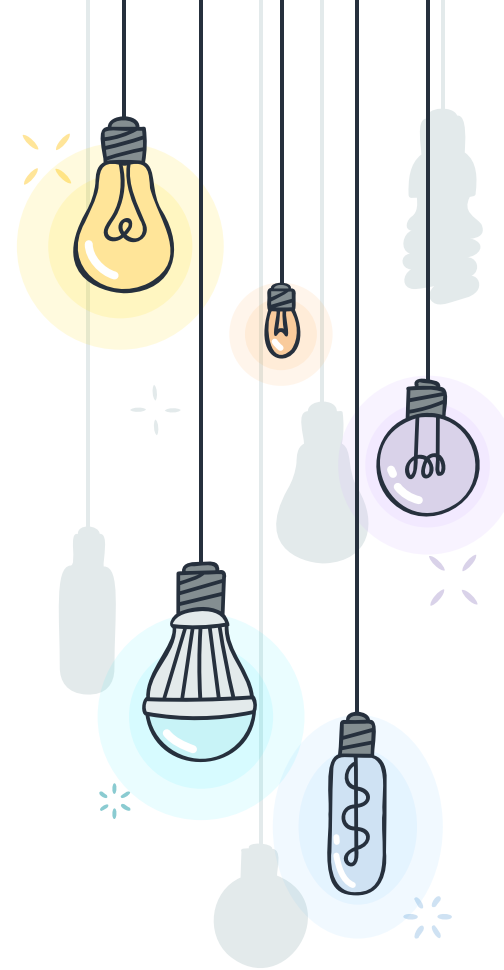
- + Discuss and record your ideas for revising training activities using ed tech tools
 - × Be sure to include the tool!
- + Post your chart paper when you have several ideas recorded



SHARE IDEAS! CONNECT TO UDL

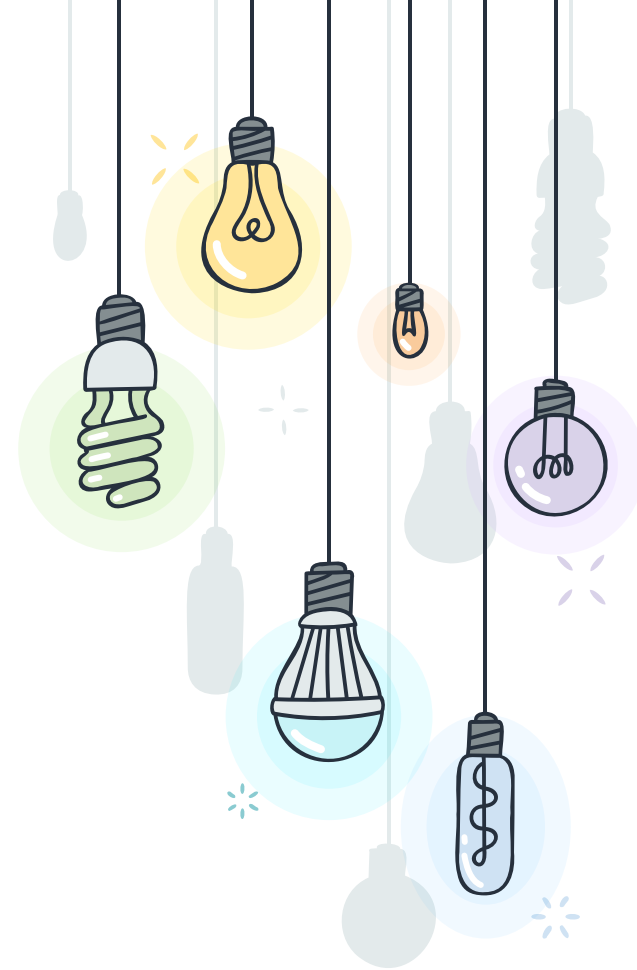
Use your markers to add a green, purple or blue dot to identify the UDL area supported by this activity.

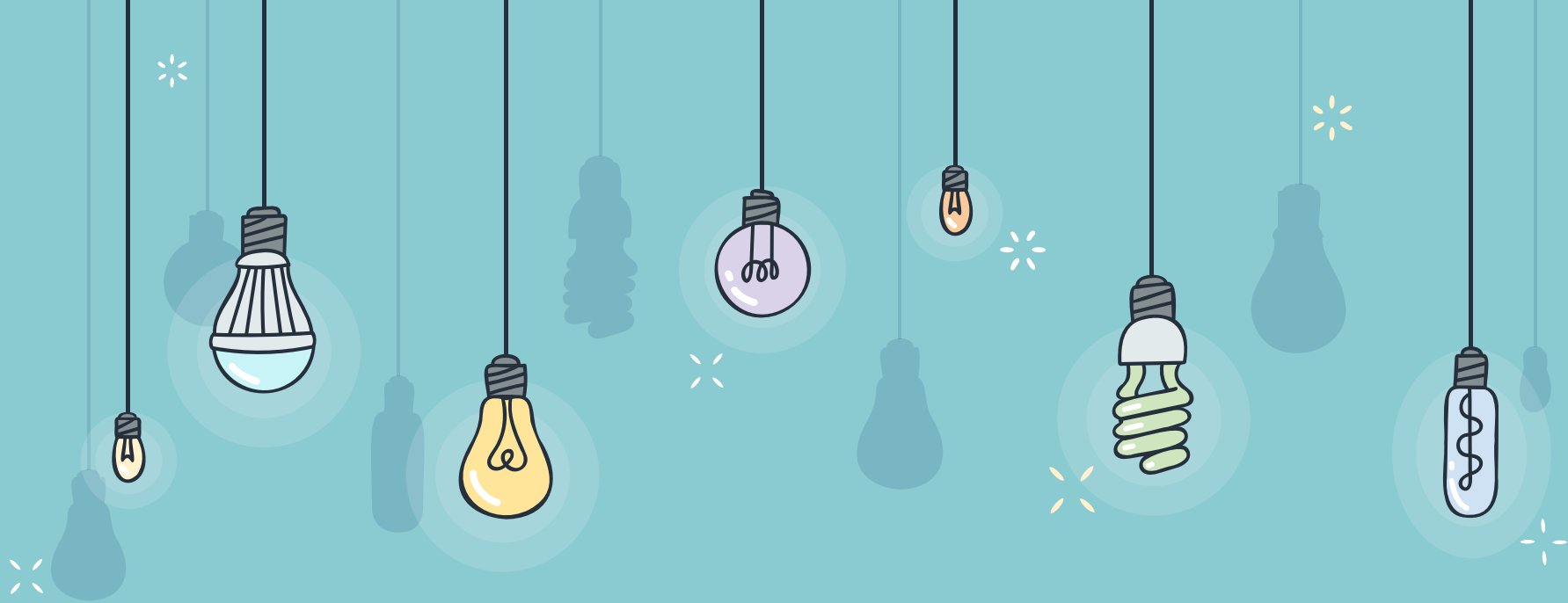
<p>Engagement</p> <p>Why</p>  <p>Offer options and supports to stimulate motivation and sustained enthusiasm for learning</p>	<p>Representation</p> <p>What</p>  <p>Present information in different ways to support access and understanding</p>	<p>Action & expression</p> <p>Why</p>  <p>Offer options and supports to all so everyone can create, learn, and share</p>
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* REFERENCES AND LINKS

- + UDL: <https://udlguidelines.cast.org/>
- + Flip: <https://info.flip.com/en-us.html>
- + Padlet: <https://padlet.com/>





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