

# ADVANCING UDL AND ALIGNING WITH CHANGE

Loui Lord Nelson, Ph.D.

<https://bit.ly/DUAmañana>

GOAL:

TO INTRODUCE THE UPDATED UDL GUIDELINES AND  
THE MINDSETS, SKILLS AND PRACTICES OF UDL

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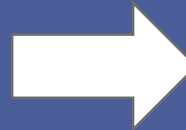


The Universal Design for Learning Guidelines

CAST | Until learning has no limits

	<b>Provide multiple means of Engagement</b> Affective Networks The "WHY" of Learning	<b>Provide multiple means of Representation</b> Recognition Networks The "WHAT" of Learning	<b>Provide multiple means of Action &amp; Expression</b> Strategic Networks The "HOW" of Learning
<b>Access</b>	<b>Provide options for Recruiting Interest</b> <ul style="list-style-type: none"> <li>Optimize individual choice and autonomy</li> <li>Optimize relevance, value, and authenticity</li> <li>Minimize threats and distractions</li> </ul>	<b>Provide options for Perception</b> <ul style="list-style-type: none"> <li>Offer ways of customizing the display of information</li> <li>Offer alternatives for auditory information</li> <li>Offer alternatives for visual information</li> </ul>	<b>Provide options for Physical Action</b> <ul style="list-style-type: none"> <li>Vary the methods for response and navigation</li> <li>Optimize access to tools and assistive technologies</li> </ul>
<b>Build</b>	<b>Provide options for Sustaining Effort &amp; Persistence</b> <ul style="list-style-type: none"> <li>Heighten salience of goals and objectives</li> <li>Vary demands and resources to optimize challenge</li> <li>Foster collaboration and community</li> <li>Increase mastery-oriented feedback</li> </ul>	<b>Provide options for Language &amp; Symbols</b> <ul style="list-style-type: none"> <li>Clarify vocabulary and symbols</li> <li>Clarify syntax and structure</li> <li>Support decoding of text, mathematical notation, and symbols</li> <li>Promote understanding across languages</li> <li>Illustrate through multiple media</li> </ul>	<b>Provide options for Expression &amp; Communication</b> <ul style="list-style-type: none"> <li>Use multiple media for communication</li> <li>Use multiple tools for construction and composition</li> <li>Build fluencies with graduated levels of support for practice and performance</li> </ul>
<b>Internalize</b>	<b>Provide options for Self Regulation</b> <ul style="list-style-type: none"> <li>Promote expectations and beliefs that optimize motivation</li> <li>Facilitate personal coping skills and strategies</li> <li>Develop self-assessment and reflection</li> </ul>	<b>Provide options for Comprehension</b> <ul style="list-style-type: none"> <li>Activate or supply background knowledge</li> <li>Highlight patterns, critical features, big ideas, and relationships</li> <li>Guide information processing and visualization</li> <li>Maximize transfer and generalization</li> </ul>	<b>Provide options for Executive Functions</b> <ul style="list-style-type: none"> <li>Guide appropriate goal-setting</li> <li>Support planning and strategy development</li> <li>Facilitate managing information and resources</li> <li>Enhance capacity for monitoring progress</li> </ul>
<b>Goal</b>	<b>Expert learners who are...</b> Purposeful & Motivated	Resourceful & Knowledgeable	Strategic & Goal-Directed

udlguidelines.cast.org | © CAST, Inc. 2018 | Suggested Citation: CAST (2018). Universal design for learning guidelines version 2.2 [graphic organizer]. Wakefield, MA: Author.



### Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft


	Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
Access 	<b>Options for Welcoming Interests &amp; Identities</b> <ul style="list-style-type: none"> <li>Optimize choice and autonomy</li> <li>Optimize relevance, value, and authenticity</li> <li>Nurture joy and play</li> <li>Address biases, threats, and distractions</li> </ul>	<b>Options for Perception</b> <ul style="list-style-type: none"> <li>Support opportunities to customize the display of information</li> <li>Support multiple ways to perceive information</li> <li>Authentically represent a diversity of perspectives and identities</li> </ul>	<b>Options for Interaction</b> <ul style="list-style-type: none"> <li>Vary the methods for response, navigation, and movement</li> <li>Optimize access to tools and assistive technologies</li> </ul>
	<b>Options for Sustaining Effort &amp; Persistence</b> <ul style="list-style-type: none"> <li>Elevate the meaning and purpose of goals</li> <li>Optimize challenge and support</li> <li>Foster collaboration, interdependence, and collective learning</li> <li>Foster belonging and community</li> <li>Offer action-oriented feedback</li> </ul>	<b>Options for Language &amp; Symbols</b> <ul style="list-style-type: none"> <li>Clarify vocabulary and symbols</li> <li>Clarify language structures</li> <li>Support decoding of text, mathematical notation, and symbols</li> <li>Cultivate understanding and respect across languages and dialects</li> <li>Address biases in the use of language and symbols</li> </ul>	<b>Options for Expression &amp; Communication</b> <ul style="list-style-type: none"> <li>Use multiple media for communication</li> <li>Use multiple tools for construction, composition, and innovation</li> <li>Build fluencies with graduated support for practice</li> <li>Address biases related to modes of expression and communication</li> </ul>
	<b>Options for Emotional Growth</b> <ul style="list-style-type: none"> <li>Recognize expectations, beliefs, and motivations</li> <li>Develop awareness of self and others</li> <li>Promote individual and collective reflection</li> <li>Practice empathy</li> </ul>	<b>Options for Building Knowledge</b> <ul style="list-style-type: none"> <li>Connect prior knowledge to new learning</li> <li>Highlight and explore patterns, critical features, big ideas, and relationships</li> <li>Cultivate multiple ways of knowing and making meaning</li> <li>Maximize transfer and generalization</li> </ul>	<b>Options for Strategy Development</b> <ul style="list-style-type: none"> <li>Set meaningful goals</li> <li>Plan and anticipate challenges</li> <li>Organize information and resources</li> <li>Enhance capacity for monitoring progress</li> </ul>
<b>Goal: Individual and collective learning that is...</b>	Purposeful, motivated, & reflective	Authentic, resourceful, & knowledgeable	Strategic, creative, & liberatory

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## TOPICS FOR THIS MORNING

- Engagement (deep dive)
- The UDL Gears
- Mindsets
- Representation (shallow dive)
- Skills
- Action & Expression (medium dive)
- Practices



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# Engagement

Individual and collective  
learning that is\*:



...purposeful,

...motivated,

...and reflective\*.

Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft

	Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<b>Action</b>	<p><b>Options for Student Interests &amp; Motivations</b></p> <ul style="list-style-type: none"> <li>• Offer choice</li> <li>• Offer a variety of content, materials, and resources</li> <li>• Offer a variety of activities and assignments</li> </ul>	<p><b>Options for Presentation</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple formats</li> <li>• Present information in multiple languages</li> <li>• Present information in multiple media</li> <li>• Present information in multiple ways of organization and structure</li> </ul>	<p><b>Options for Interaction</b></p> <ul style="list-style-type: none"> <li>• Offer opportunities for response, reflection, and discussion</li> <li>• Offer opportunities for peer and self-assessment</li> <li>• Offer opportunities for feedback</li> </ul>
<b>Assess</b>	<p><b>Options for Assessment Methods &amp; Methods</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of assessment methods</li> <li>• Offer a variety of assessment methods</li> <li>• Offer a variety of assessment methods</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of symbols and notations</li> <li>• Offer a variety of symbols and notations</li> <li>• Offer a variety of symbols and notations</li> </ul>	<p><b>Options for Expression &amp; Communication</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of communication methods</li> <li>• Offer a variety of communication methods</li> <li>• Offer a variety of communication methods</li> </ul>
<b>Goal</b>	<p>Provide meaningful experiences</p>	<p>Address concepts &amp; knowledge</p>	<p>Bring creative &amp; innovative</p>

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# OPTIONS FOR WELCOMING INTERESTS AND IDENTITIES\*

## NURTURE JOY AND PLAY\*



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The joy of  
learning

Video will be shown

## ADDRESS BIASES\*, THREATS AND DISTRACTIONS



Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft

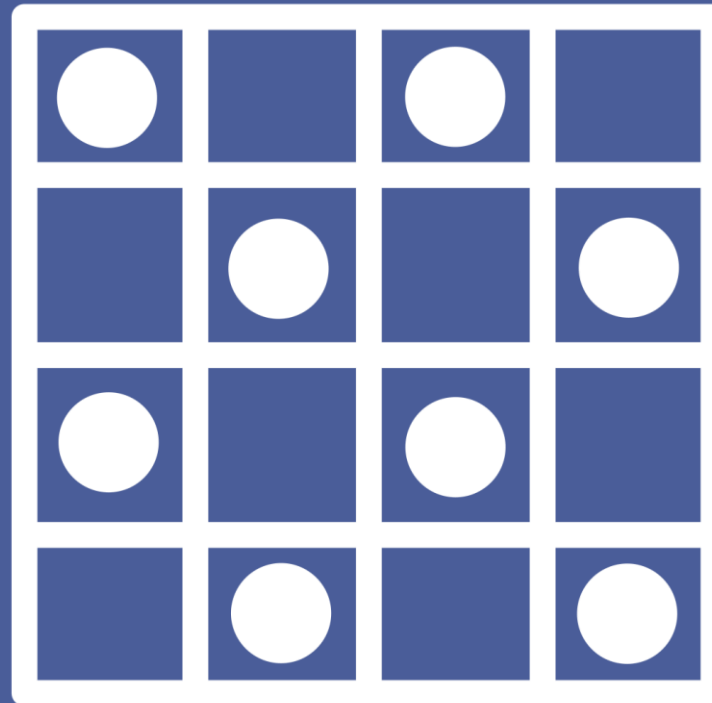
	Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<b>Action</b>	<p><b>Options for Motivation/Interest &amp; Engagement</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content that is relevant and meaningful</li> <li>• Offer choice in how to learn and demonstrate learning</li> </ul>	<p><b>Options for Presentation</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple formats</li> <li>• Present information in multiple languages</li> <li>• Present information in multiple modalities</li> <li>• Present information in multiple languages</li> <li>• Present information in multiple languages</li> </ul>	<p><b>Options for Interaction</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to interact with content</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>
<b>Assess</b>	<p><b>Options for Assessment/Feedback &amp; Reflection</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>	<p><b>Options for Assessment &amp; Feedback</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>
<b>Goal</b>	<p><b>Options for Goal Setting/Targeting</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>	<p><b>Options for Building Knowledge</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>	<p><b>Options for Strategy Development</b></p> <ul style="list-style-type: none"> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> <li>• Offer choice in how to demonstrate learning</li> </ul>
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# OPTIONS FOR SUSTAINING EFFORT AND PERSISTENCE



# ELEVATE THE MEANING AND PURPOSE OF GOALS



## OPTIMIZE CHALLENGE AND SUPPORT

Investigate, challenge concepts/info to develop their own ideas

Learners organize the info themselves. Work with ambiguous/complex concepts to get there.

Move from thinking about individual skills into processes

Meta-cognition, real-world problems, grapple with unanswerable concepts.



(Jackson, 2012; Nelson, 2019)

# FOSTER COLLABORATION, INTERDEPENDENCE, AND COLLECTIVE LEARNING



# FOSTER BELONGING AND COMMUNITY



Podcast  
Episode 51  
Susanne  
Geise

## OFFER ACTION-ORIENTED FEEDBACK

### Shark Tank Ranks

Group members:

Product/company:

Best part of the sales pitch:

Overall, how well did the group use rhetorical devices and advertising techniques?

1 (least effective)   2                      3                      4                      5 (most effective)

Would you invest in this product or company? Why?



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# OPTIONS FOR EMOTIONAL GROWTH\*

## RECOGNIZE EXPECTATIONS, BELIEFS, AND MOTIVATIONS\*



# DEVELOP AWARENESS FOR SELF AND OTHERS





# PROMOTE INDIVIDUAL AND COLLECTIVE REFLECTION



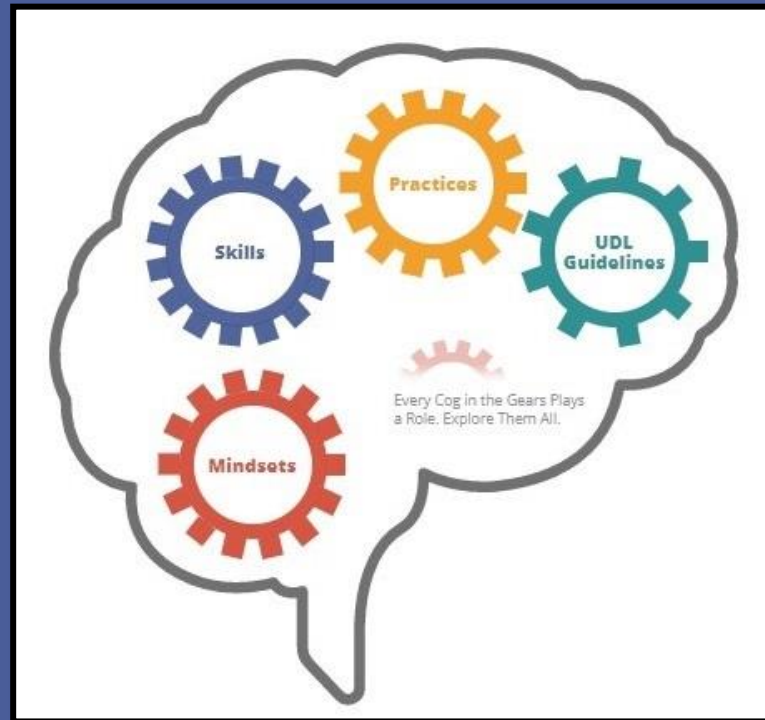
# PRACTICE EMPATHY\*



# Engagement

Individual and collective  
learning that is  
purposeful, motivated,  
and reflective.

# WHAT DOES IT TAKE TO GET THERE?







Prácticas



Habilidades



Mentalidad

# MENTALIDAD

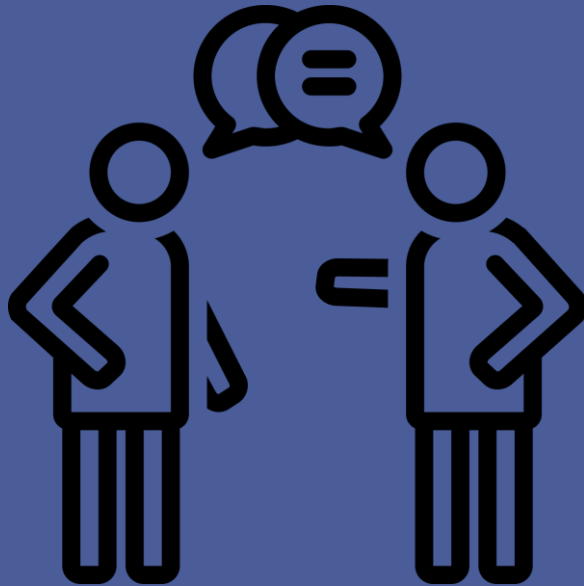
I believe...

- I should brush and floss X times per day
- That dental hygiene impacts the rest of my health
- That dental hygiene impacts my physical appearance
- It is important to spend time on my dental hygiene
- I should spend my money on my dental hygiene



3:00

## TURN AND TALK



- What are some mindsets needed to implement UDL?





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# Representation

Individual and collective  
learning that is\*:

...authentic\*,

...resourceful, and

...knowledgeable.

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# OPTIONS FOR PERCEPTION

- No changes

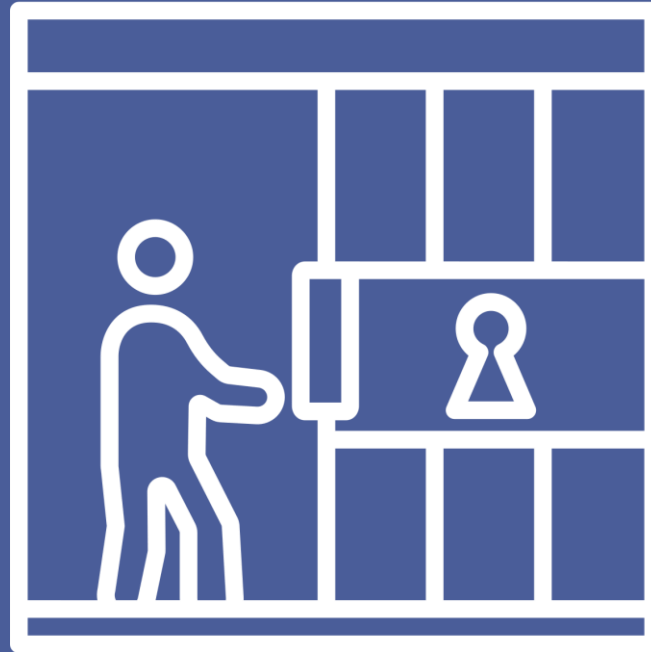
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<b>Action</b>	<p><b>Options for Motivation/Interest &amp; Effort</b></p> <ul style="list-style-type: none"> <li>• Provide choice and autonomy</li> <li>• Highlight interests, values, and self-efficacy</li> <li>• Offer flexible goals</li> <li>• Address stress, anxiety, and self-regulation</li> </ul>	<p><b>Options for Perception</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple modalities</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Interaction</b></p> <ul style="list-style-type: none"> <li>• Provide multiple ways to respond, demonstrate, and communicate</li> <li>• Offer alternative ways to show and display knowledge</li> </ul>
<b>Options</b>	<p><b>Options for Perceptual/Visual &amp; Auditory</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Expression &amp; Communication</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>
<b>Guidance</b>	<p><b>Options for Engagement</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Representation</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Action &amp; Expression</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>
<b>Guidance</b>	<p><b>Options for Engagement</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Representation</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>	<p><b>Options for Action &amp; Expression</b></p> <ul style="list-style-type: none"> <li>• Offer alternative ways to present information</li> <li>• Highlight relevant information</li> <li>• Present information in a logical and sequential order</li> <li>• Offer alternative representations of information</li> </ul>

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# OPTIONS LANGUAGE AND SYMBOLS

# ADDRESS BIASES IN THE USE OF LANGUAGE AND SYMBOLS





Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft

	Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<b>Action</b>	<p><b>Options for Motivation/Interest &amp; Effort</b></p> <ul style="list-style-type: none"> <li>• Provide choice and autonomy</li> <li>• Engage interests, values, and self-efficacy</li> <li>• Offer relevant, meaningful, and challenging tasks</li> <li>• Offer a variety of feedback</li> </ul>	<p><b>Options for Presentation</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple formats</li> <li>• Represent information in multiple ways</li> <li>• Represent information in multiple ways</li> <li>• Represent information in multiple ways</li> </ul>	<p><b>Options for Interaction</b></p> <ul style="list-style-type: none"> <li>• Provide multiple ways to respond, demonstrate, and communicate</li> <li>• Offer multiple ways to show and display knowledge</li> </ul>
<b>Assess</b>	<p><b>Options for Assessment/Tools &amp; Methods</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of assessment methods</li> <li>• Offer a variety of assessment methods</li> <li>• Offer a variety of assessment methods</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of symbols and representations</li> <li>• Offer a variety of symbols and representations</li> <li>• Offer a variety of symbols and representations</li> </ul>	<p><b>Options for Examples &amp; Practice</b></p> <ul style="list-style-type: none"> <li>• Offer a variety of examples and practice opportunities</li> <li>• Offer a variety of examples and practice opportunities</li> <li>• Offer a variety of examples and practice opportunities</li> </ul>
<b>Goal</b>	<p>Provide multiple ways to engage and motivate</p>	<p>Provide multiple ways to represent information</p>	<p>Provide multiple ways to demonstrate and communicate knowledge</p>

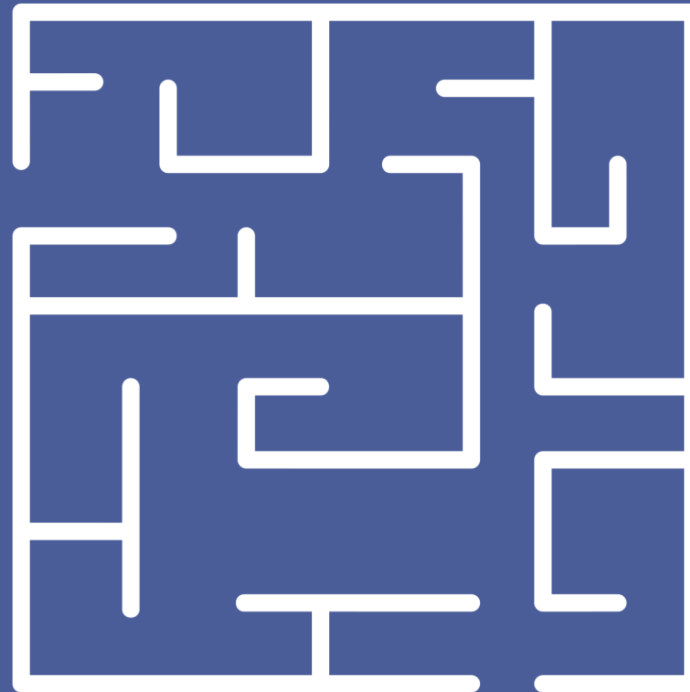
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# OPTIONS FOR BUILDING KNOWLEDGE

HIGHLIGHT AND EXPLORE PATTERNS, CRITICAL  
FEATURES, BIG IDEAS, AND RELATIONSHIPS



# CULTIVATE MULTIPLE WAYS OF KNOWING AND MEANING-MAKING



# Representation

Individual and collective learning that is authentic, resourceful, and knowledgeable.

# HABILIDADES

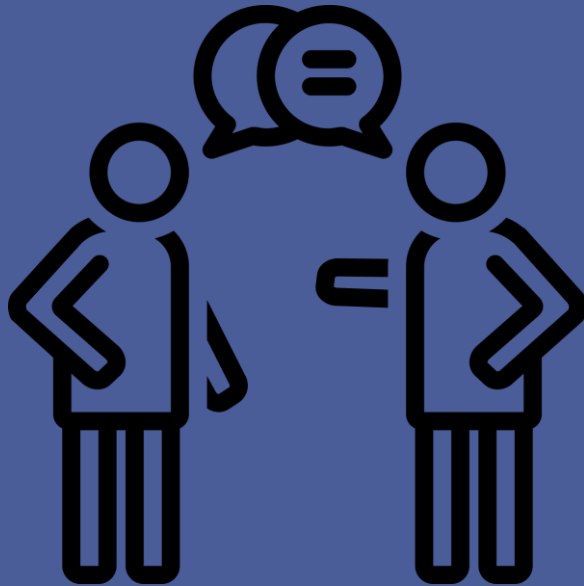
I have the skills to:

- Put toothpaste on the toothbrush
- Apply the proper pressure
- Scrub my teeth
- Brush my teeth for at least 2 minutes



3:00

## TURN AND TALK



- What are some skills needed to implement UDL?



<https://bit.ly/DUAmañana>

<https://bit.ly/DUAcombina>





# Action & Expression

Individual and collective  
learning that is\*:

...strategic,

...creative,

...liberatory.

Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft		
Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<p><b>Options for Attention/Interest &amp; Motivation</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Increase relevance, value, and interest</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>	<p><b>Options for Perception</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple modalities</li> <li>• Present information in multiple modalities</li> <li>• Present information in multiple modalities</li> <li>• Present information in multiple modalities</li> </ul>	<p><b>Options for Response, Communication, &amp; Collaboration</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>
<p><b>Options for Self-Determination &amp; Agency</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>	<p><b>Options for Expression &amp; Communication</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>
<p><b>Options for Self-Determination &amp; Agency</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>	<p><b>Options for Self-Determination &amp; Agency</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>	<p><b>Options for Self-Determination &amp; Agency</b></p> <ul style="list-style-type: none"> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> <li>• Offer choices in content and delivery</li> </ul>
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# OPTIONS FOR INTERACTION

- Vary methods for response, navigation, and movement\*

## VARY METHODS FOR RESPONSE, NAVIGATION, AND MOVEMENT

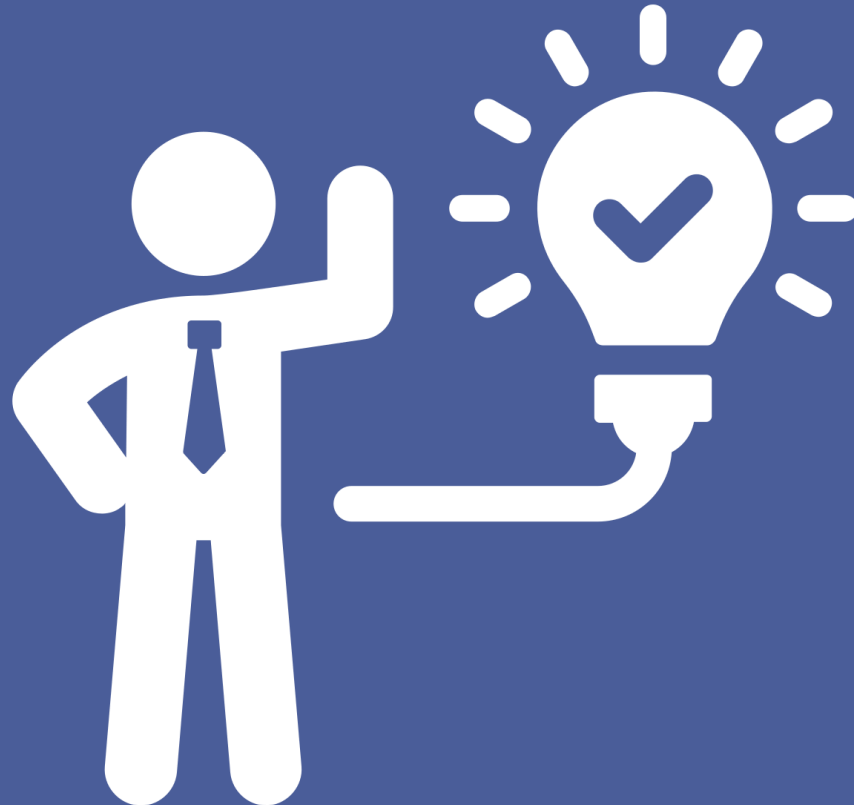


Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft		
Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<b>Options for Attention/Interests &amp; Motivation</b> <ul style="list-style-type: none"> <li>Offer choices in content and delivery</li> <li>Engage interests, values, and self-efficacy</li> <li>Address stress, anxiety, and self-regulation</li> </ul>	<b>Options for Perception</b> <ul style="list-style-type: none"> <li>Present information in multiple modalities</li> <li>Support multiple means of representation</li> <li>Address multiple perspectives of perception and benefits</li> </ul>	<b>Options for Interaction</b> <ul style="list-style-type: none"> <li>Support multiple means of response</li> <li>Engage in collaborative learning</li> <li>Support access to tools and multiple languages</li> </ul>
<b>Options for Social/Emotional &amp; Cognitive</b> <ul style="list-style-type: none"> <li>Offer choices in content and delivery</li> <li>Engage in collaborative learning</li> <li>Support multiple means of representation</li> <li>Address multiple perspectives of perception and benefits</li> <li>Offer a variety of feedback</li> </ul>	<b>Options for Language &amp; Symbols</b> <ul style="list-style-type: none"> <li>Offer multiple representations</li> <li>Support multiple means of representation</li> <li>Address multiple perspectives of perception and benefits</li> <li>Address multiple perspectives of perception and benefits</li> <li>Address multiple perspectives of perception and benefits</li> </ul>	<b>Options for Multiple Means of Action &amp; Expression</b> <ul style="list-style-type: none"> <li>Support multiple means of response</li> <li>Engage in collaborative learning</li> <li>Support access to tools and multiple languages</li> <li>Address multiple perspectives of perception and benefits</li> </ul>
<b>Options for Content/Concepts</b> <ul style="list-style-type: none"> <li>Engage in collaborative learning</li> <li>Support multiple means of representation</li> <li>Address multiple perspectives of perception and benefits</li> <li>Address multiple perspectives of perception and benefits</li> <li>Address multiple perspectives of perception and benefits</li> </ul>	<b>Options for Multiple Means of Action &amp; Expression</b> <ul style="list-style-type: none"> <li>Support multiple means of response</li> <li>Engage in collaborative learning</li> <li>Support access to tools and multiple languages</li> <li>Address multiple perspectives of perception and benefits</li> </ul>	<b>Options for Multiple Means of Action &amp; Expression</b> <ul style="list-style-type: none"> <li>Support multiple means of response</li> <li>Engage in collaborative learning</li> <li>Support access to tools and multiple languages</li> <li>Address multiple perspectives of perception and benefits</li> </ul>
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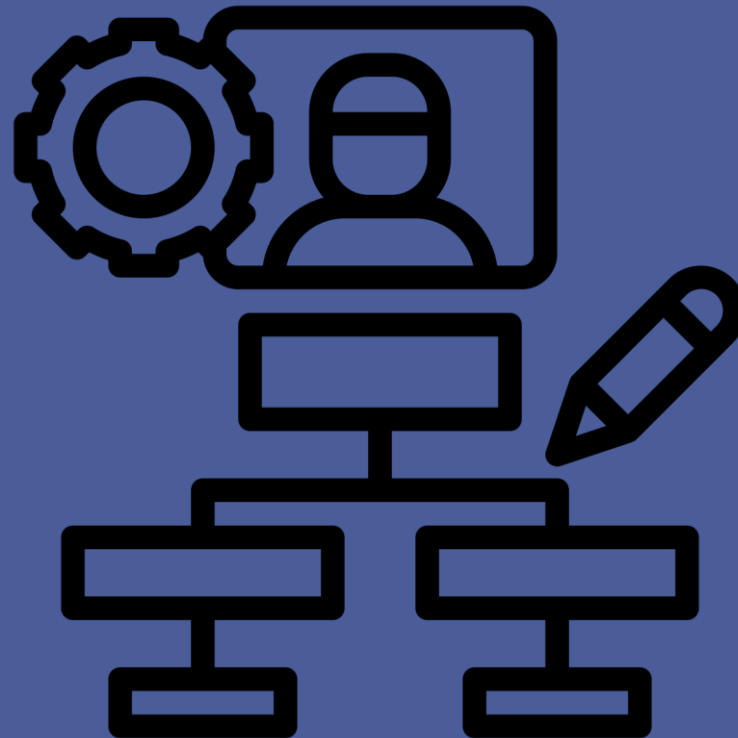
# PROVIDE OPTIONS FOR EXPRESSION AND COMMUNICATION

## USE MULTIPLE TOOLS FOR CONSTRUCTION, COMPOSITION, AND INNOVATION\*

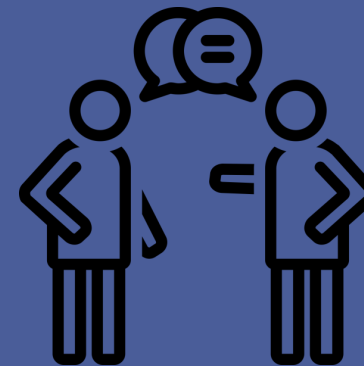
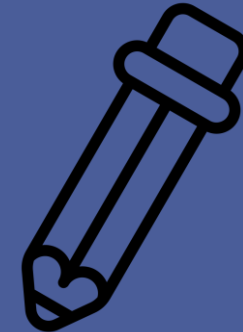




# BUILD FLUENCIES WITH GRADUATED SUPPORT FOR PRACTICE



## ADDRESS BIASES RELATED TO MODES OF EXPRESSION AND COMMUNICATION



Proposed Updates for UDL Guidelines 3.0 Graphic Organizer Draft

	Design Multiple Means of Engagement	Design Multiple Means of Representation	Design Multiple Means of Action & Expression
<b>Action</b>	<p><b>Options for Motivation/Interest &amp; Engagement</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>	<p><b>Options for Presentation</b></p> <ul style="list-style-type: none"> <li>• Present information in multiple formats</li> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>	<p><b>Options for Interaction</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>
<b>Assess</b>	<p><b>Options for Assessment/Feedback &amp; Reflection</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>	<p><b>Options for Language &amp; Symbols</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>	<p><b>Options for Examination &amp; Application</b></p> <ul style="list-style-type: none"> <li>• Offer choice in content and activities</li> <li>• Integrate content with real-world applications</li> <li>• Offer choice in content and activities</li> </ul>
<b>Goal</b>	<p>Provide multiple means of engagement</p>	<p>Provide multiple means of representation</p>	<p>Provide multiple means of action &amp; expression</p>

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# PROVIDE OPTIONS FOR EXECUTIVE FUNCTIONS

# SET MEANINGFUL GOALS

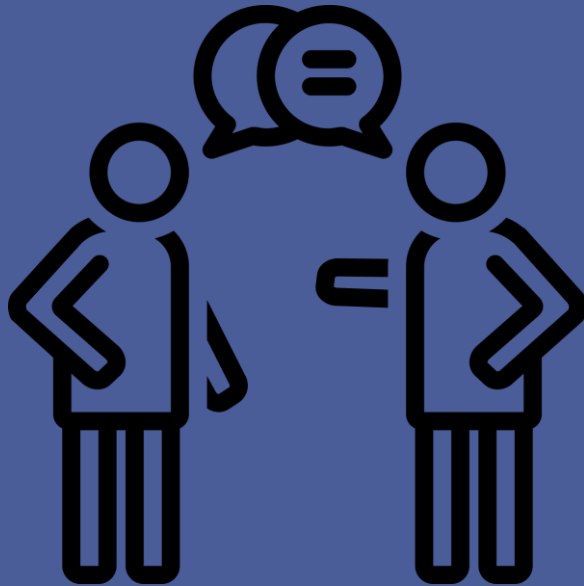


# Action & Expression

Individual and collective learning that is strategic, creative, and liberatory.

3:00

## TURN AND TALK



- What are some practices are needed to implement UDL?



# Muchas Gracias