

# Universal Design for Learning



Land and Food Systems, Lunch and Learn, 2020

Let's chat!

Post/ask your questions anytime!

There are only a few slides with big bullet points

Judy Chan

# Universal Design for Learning

## Multiple means of

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



# Representation - 'What' of learning

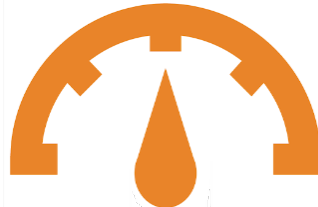
## Perception

- Info: text, graphs, maps, etc
- Audio info: speech-to-text, transcripts
- Visual info: descriptions, subtitles

## Ally on Canvas:



Low (0-36%)  
Needs help!



Medium (34-66%)  
A little better



High (67-99%)  
Almost there



Perfect (100%)  
Perfect

# Representation - 'What' of learning

## Perception

- Info: text, graphs, maps, etc
- Audio info: speech-to-text, transcripts
- Visual info: descriptions, subtitles

## Language and Symbols

- Vocabulary, language, mathematics notations, etc

## Comprehension

- Flow and pattern
- Transfer and generalize



# Engagement - 'Why' of Learning

## Recruiting Interests

- Choices and autonomy
- Value and authenticity

## Sustain Interests

- Vary demands
- Community and collaboration

## Self-regulation

- Learning skills
- Reflection and selfassessment

# Actions and Expression - 'How' of Learning

## Physical Actions

- Text, audio and visual

## Expression and Communication

- Vary demands
- Ongoing, scaffolding practices and feedback

## Executive Functions

- Plan and guide goal settings
- Monitoring progress





THE UNIVERSITY OF BRITISH COLUMBIA



## Digital and Visual Literacy: Through Multimodal Projects

HOME

IMPLEMENTATION

FORMATS ▾

GRADING ▾

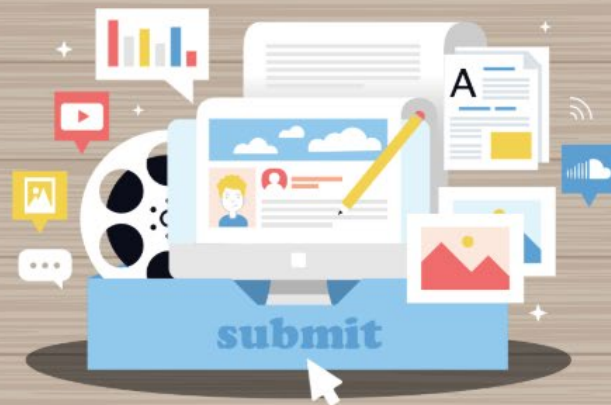
RESEARCH

EVALUATION

STUDENT RESOURCES

NIFTY TOOLS

**BEYOND THE TEXT:**  
Multimodal assignments  
for your courses.





## Websites we explored:

The Universal Design for Learning Guideline:

<http://udlguidelines.cast.org/>

Multi-modal assignment info page from Arts IST:

<https://beyondtext.arts.ubc.ca/formats/posters-presentations/>

Slide deck from CTLT's workshop on accessibility: :

[https://docs.google.com/presentation/d/1BOjQasP-SZrmkW1a8YSLM9tUiPNxWxl-rtFHTBPY2ns/edit#slide=id.g8ca5c94538\\_0\\_61](https://docs.google.com/presentation/d/1BOjQasP-SZrmkW1a8YSLM9tUiPNxWxl-rtFHTBPY2ns/edit#slide=id.g8ca5c94538_0_61)