UDL in Teacher Preparation Programs

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Introductions

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Who are you interactive poll?

University faculty

Classroom teacher

Professional development provider

Person with a disability

Advocate

Parent/family member

UDL Newbie

UDL Enthusiast

Using Nearpod

Presentation Goals

Interact with us using various educational technology tools that demonstrate principles of UDL

> Representation

> Action & Expression

> Engagement

> Assessment

Learn about how various tools are implemented within teacher preparation courses and modeled for use in preK-12 schools

Discuss additional tips for incorporating UDL into teacher preparation

Rate your knowledge and use of UDL

Nearpod Interactive Draw It Slide

Nearpod Interactive Open-Ended Question: Which educational technology/apps do you use in your work?

Rate Yourself

Beginner
This is new to me. I need help!

Novice
I'm starting to understand, but still need help

Capable
I can do this. Just need a little help.

Confident
I can do this on my own.

Expert
I've got this!
I can teach it to a friend.

Pros of Nearpod

Excellent for education

    Teacher candidates are easily bored/disengaged with lecture after full days of fieldwork

    Demonstrate technology they can use in their own classrooms

    Representation, Engagement, and Action & Expression

Interactive activities available within free version of app

Immediate formative feedback for each student

Create or use existing slides (e.g., PPT or Google slides) and import into Nearpod

education

Caveats and Considerations

Audio plays on each individual device

    Recommend headphones or for students to mute and you project presentation

Paid/upgraded version needed for several features

    Homework sessions

    More than 30 students connecting at same time

    Use of multiple YouTube videos, Fieldtrips, PDF viewer

    Extra storage for each lesson or multiple lessons

No recording of presentation; no writing over the app during presentation

Maximizing Student Engagement with Nearpod

App is designed specifically to engage students in learning

Individual responses to each interactive element

Poll (one question)

Quiz questions (multiple questions)

Open-ended questions

Draw-It responses

Fill in the blank

Memory test

Choice-based Assessments

Used for weekly/bi-weekly Reading Checks

Gauge students' understanding and application of course content

Accountability for reading

Model use of choice: Action & Expression, Engagement

20+ choices, with option to propose their own

Continually add expectations to each

Students must try at least 3 different methods before the end of the semester

Out of comfort zone

Reading Check Description and Examples

Interactive Nearpod Slides

See Google drive folder for documents: Link to Folder

Google Apps for Interactive Activities

Learning Stations

Station 1: Lesson Plan Analysis: Link to Folder
Station 2: A Deeper Look at the Principles Google doc with active links to videos: Link to Document
Station 3: Applying the Principles: Link to Document

Collaborative Slide Presentations
 Provide outline of slides; students complete in groups

Suggest dividing up slides per group into separate presentations, then
    instructor combines slides again

Students get really frustrated as slides move around or other
    groups delete their content :-/
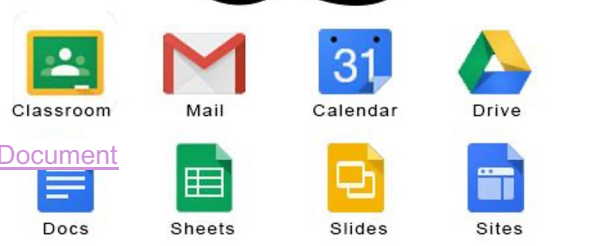
Other Recommendations

Rubrics are your friend!

Choice assignments for other work

Choice due dates

      Students determine when to submit assignments

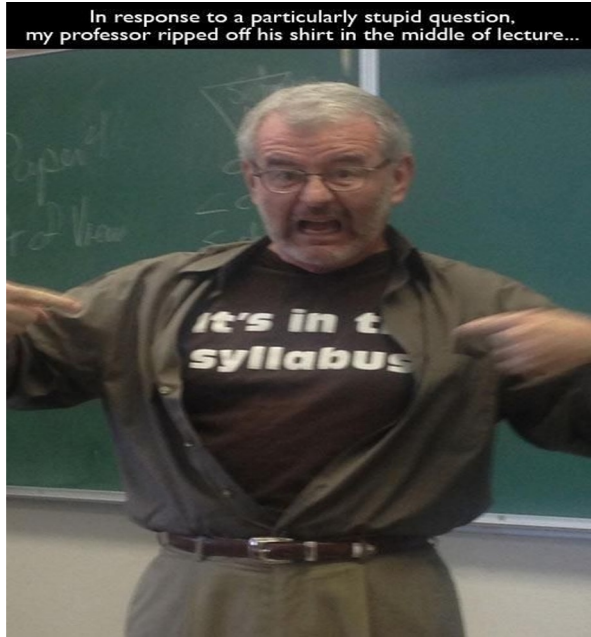   Specific due dates, but students determine which assignments to submit

Flexible late work policy

      Consideration for A/100% of points: On time

      Consideration for B/85% of points: no more than 3 weeks passed deadline

Link

Provide options for perception

Provide Options for Comprehension

Mind/Shift How we...

STORIES TEACHERS SHARE   GROWTH MINDSET   TEACHING STRATEGIES

BIG IDEAS

At Age 6, Girls Are Less Likely to Identify Females As 'Really, Really Smart'

Playlist (10 talks)
Talks on modern feminism
These essential talks delve into the intricacies of feminism, examining everyday realities in the pursuit of equality.

▶ Watch now   Add to list   Favorite

MALE FEMINIST ALLIES BE LIKE...
MALE ACTIVISTS, ARTIVISTS, AND SOCIAL JUSTICE CHAMPIONS TELL US WHAT MAKES THEM ROLE MODELS FOR OTHER ASPIRING MALE FEMINISTS.

"AS A PROFESSOR OF WOMEN'S STUDIES, I TAKE GREAT PLEASURE IN EMANCIPATING AND LIBERATING THOUSANDS OF IMPRESSIONABLE YOUNG WOMEN EVERY YEAR. AND EVERY SEMESTER, I CHOOSE ONE LUCKY STUDENT TO SLEEP WITH ME."

"AFTER READING A COUPLE OF AUDREY LORDE AND BELL HOOKS BOOKS, I NOW TAKE EVERY OPPORTUNITY TO EDUCATE WOMEN OF COLOR ON THEIR OWN OPPRESSION."

"EVERY TIME I MAKE MY MOVE ON A NEW FEMALE COMRADE, I MAKE SURE TO TELL HER HOW REVOLUTIONARY MY GENDER POLITICS ARE."

"AS A CIS-GENDERED GAY MAN, I UNDERSTAND THE OPPRESSION OF WOMEN AND FEEL A SPECIAL KINSHIP WITH THEM, WHICH IS WHY I FEEL ENTITLED TO VERBALLY ABUSE AND SAY MISOGYNIST THINGS TO THEM."

"EVEN THOUGH MY PARTNER IS A PROUD FEMINIST, AND AT HOME I TAKE CARE OF THE KIDS AND DO ALL THE DOMESTIC WORK, I FEEL CASTRATED, SO I RECLAIM MY MASCULINITY BY GASLIGHTING AND UNDERMINING THE WOMEN I WORK WITH."

"I DO CUTESY SONGS AND POETRY ABOUT LIBERATION, BUT WHEN I GET ACCUSED OF MISOGYNY, I SIT BACK AND LET WOMEN TAKE THE LEAD IN SHIELDING AND DEFENDING ME."

"AT THE SOCIAL JUSTICE READING CIRCLE, I STAND IN SOLIDARITY WITH MY SISTERS, BUT WHEN I'M CHILLIN' WITH THE HOMIES AND THEY SAY SOMETHING SEXIST, I EITHER LAUGH WITH THEM OR STAY SILENT."

"AS MUCH AS I THINK I AM AN ALLY TO WOMXN, I DO NOT FOCUS MY WORK WHERE IT CAN MAKE THE MOST IMPACT: OTHER MEN. BY PUSHING AWAY RELATIONSHIPS WITH MEN, I IMPOSE THE BURDEN OF MY EMOTIONAL LABOR ON THE WOMXN IN MY LIFE."

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By Guest Blogger on April 28, 2016 9:03 AM

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A key part of educating for global competence is giv
significance. Today, Laurel Jaffe, a high school studen
Stamford, CT, shares how starting a blog empowered
blog is part of our ongoing series by young adults who participated in Global Citizens Initiative's

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Home > _Miscellaneous Tools and Topics > 5 Ways to Bridge the Gender Gap in STEM

5 Ways to Bridge the Gender Gap in STEM
By Ryan Ayers · March 14, 2017   2

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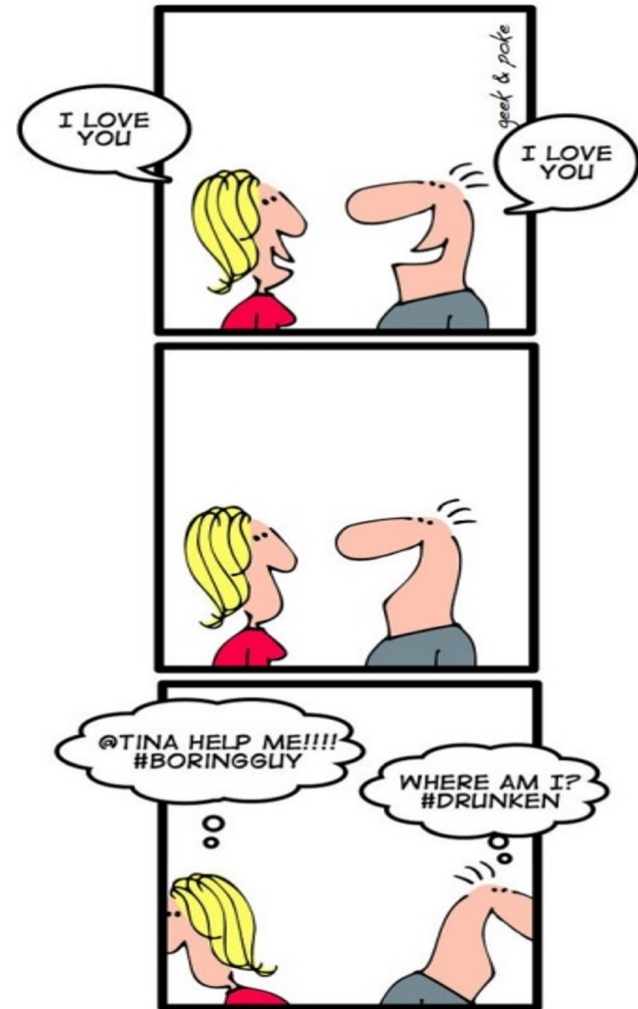our THANK
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* SEARCH THE SITE! *

Teach specific digital strategies

Provide options for sustaining effort and persistence

Provide options for self-regulation

- Timelines
- Provide a ways in which people can self reflect (create their own rubrics)
- Note takers, agendas

Support around self regulation

- Go on a Quest!

- Weekly, pass/fail

- Goal: stay connected

- Fun, creative cognitive load

- Drawn from game theory – Jane McGonnigal
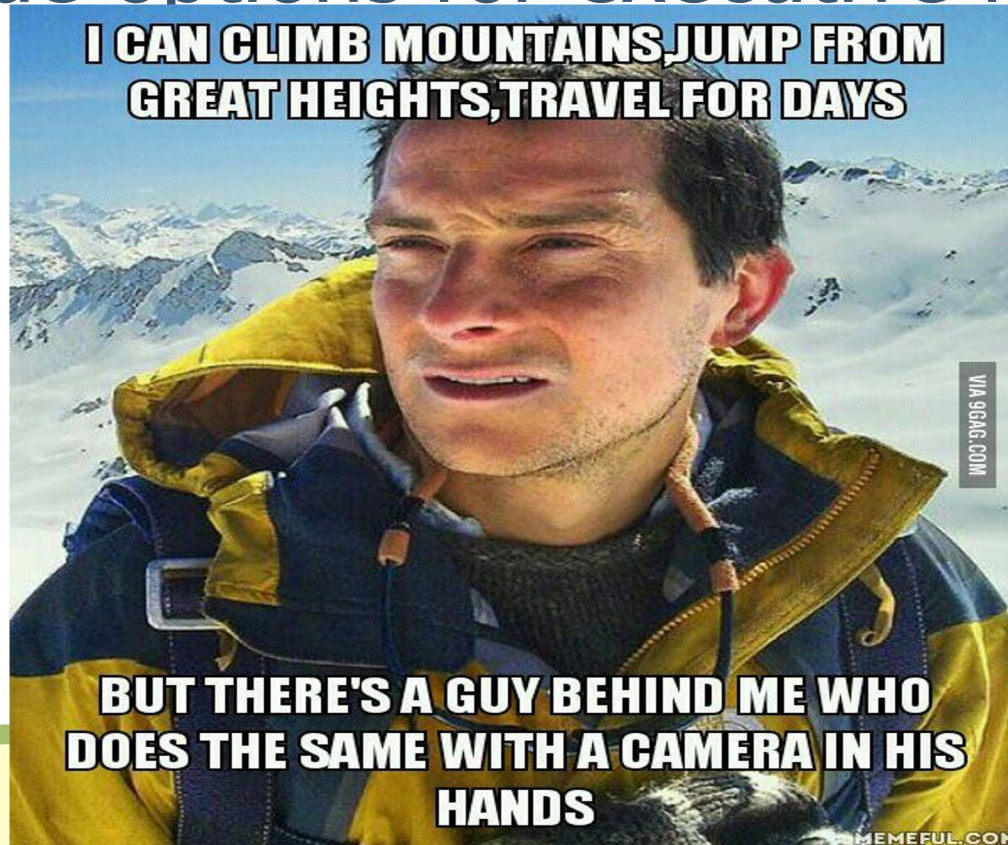
Provide options for expression and communication

Speaking of communication "Distance"

- How available should professors and other professionals be in digital space?

Provide options for executive functions

Provide options for recruiting interest

Connect course objectives to assignments and content with transparency. Give students choices whenever possible when interacting with both objectives and content

Rubric Example to look for Barriers

Make sure the lesson has goals, methods and assessment	Identify where there was (UDL) Representation, Action and Expression and Engagement.	Identify barriers to learning, at least 5 barriers	Give an idea for eliminating the barriers	Edited by a human. (include human's name)
10	10	10	10	10

Set humans up for success by assuming that they will each need clarification around different concepts. Teach how to use accessible options for the web platform, as well as other resources.
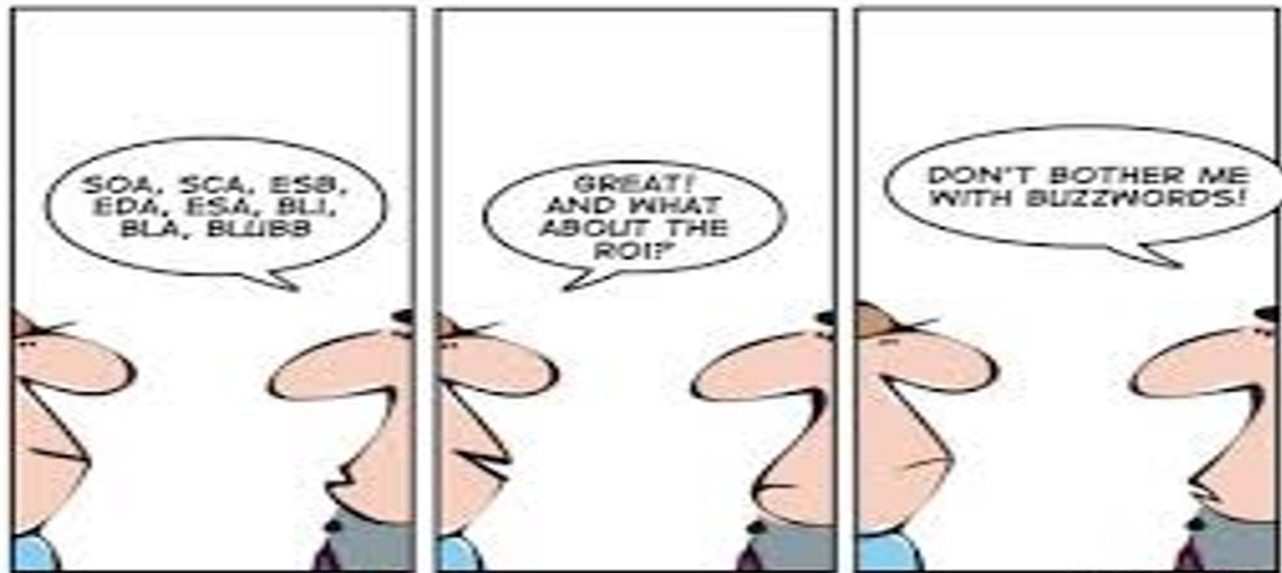
Grading

- When is an assignment done?

😍 = A

😊 =B

😂 =C

😳 =D

😭 =F

Options for Physical Action

Dance Your PhD 2016 WINNER : A polymeric prosthetic heart valve

One type of valve is made from animal tissue

- [Dance Your PhD Contest](#)