

Welcome to Teaching + Learning Tuesday

FEBRUARY 18, 2020

2:30PM

PLEASE ADJUST YOUR AUDIO USING THE AUDIO SETUP OPTION
UNDER THE MEETING MENU.



Teaching + Learning Tuesday

SCTCS
plugged IN
REBOOT. REDEFINE. RECONNECT.

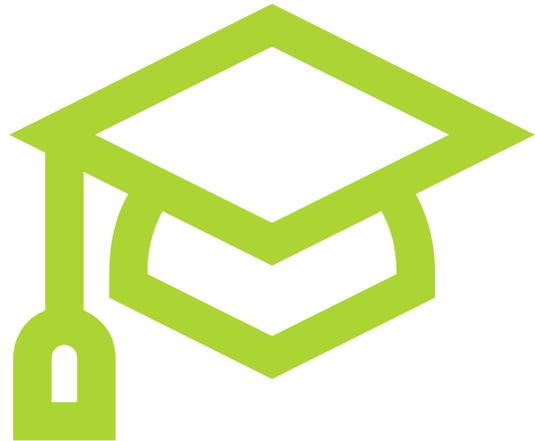
About the Presenters



Mia Tensley
Tri-County Technical
College



James Walker
Tri-County Technical
College



Supporting Students with Learning Disabilities

JAMES WALKER & MIA TENSLEY
TRI-COUNTY TECHNICAL COLLEGE



TriCounty
TECHNICAL COLLEGE

James Walker

- ▶ Over 12 years of teaching experience
- ▶ Math 031, Math 032, Math 101, Math 102, Math 150
- ▶ 2012 TCTC Adjunct Faculty Presidential Award
- ▶ 2019 SCADE Outstanding Service to Students Award
- ▶ Currently serves on TCTC's Faculty Senate
- ▶ Serves on the TCTC's Learning Disabilities Workgroup



TriCounty
TECHNICAL COLLEGE

Mia Tensley

- ▶ Reading, College skills, & Manufacturing 102 instructor
- ▶ Charrette and High Impact Practices (HIPS) Presenter
- ▶ 2019 TCTC SCTEA Faculty Educator of the Year
- ▶ Currently serving as TriCounty Past Faculty Senate President
- ▶ 2019 graduate of City of Clemson leadership program
- ▶ Elected to Leadership Clemson Alumni board 2020-2023
- ▶ Serves on Clemson Area African American Museum's board



Learning Objectives

- ▶ Share prior Knowledge of UDL
- ▶ Brief overview of UDL and rationale
- ▶ Overview KWL, Brain Dump, and Group Teach
- ▶ Evaluate ideas and share takeaways

UDL

Please respond to the poll

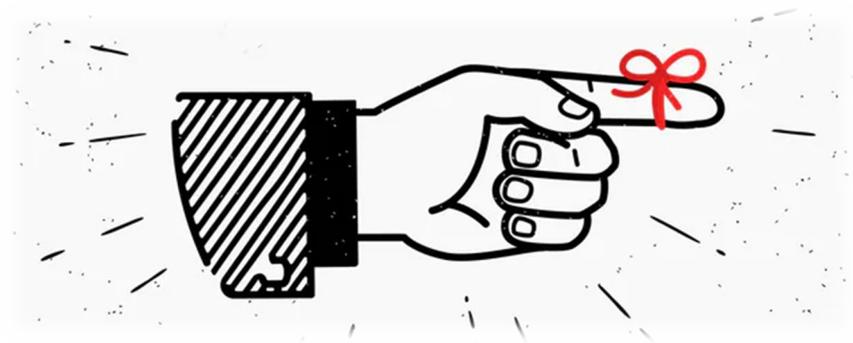
Results will be shared once
all responses have been
entered



At conclusion of
this discussion:

Please be
prepared to
share your
top takeaways w
ith the group

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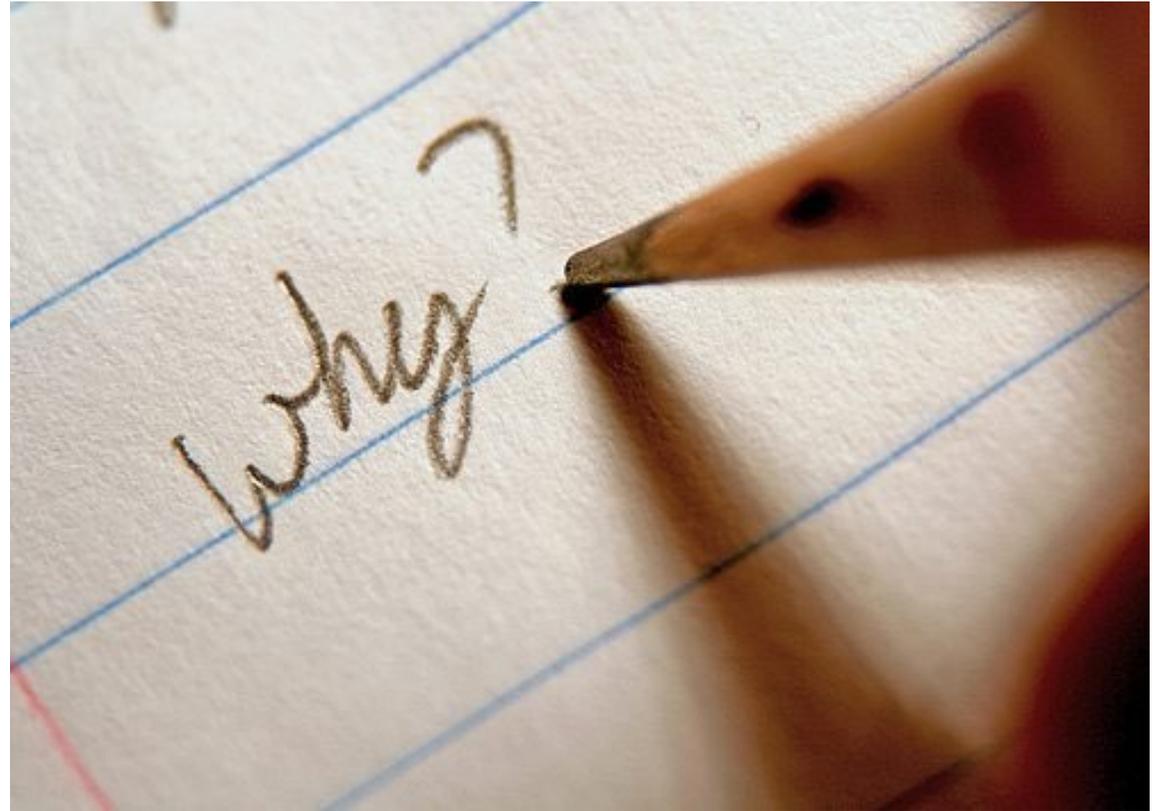




Rationale

- ▶ Learning Disabilities Workgroup **Spring 2018**

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Data

- ▶ On average between
Fall 2017 & Spring 2018
5,722 TCTC students

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TriCounty
TECHNICAL COLLEGE

Data

- ▶ Average number served from Fall 2017 to Spring 2018

173 Students

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TriCounty
TECHNICAL COLLEGE

Data

- ▶ Approx. 3% served at TCTC

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TriCounty
TECHNICAL COLLEGE

- ▶ The latest census noted that 20% of population has a disability that would qualify for services



Possible Factors:

- ▶ Self-identification/self-advocacy
- ▶ Students in college self-identify
- ▶ Then share with instructor



Workgroup
concluded
that
3
prevalent
learning
disabilities
are

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Attention Deficit Disorder



Dyscalculia



Dyslexia

Attention Deficit Disorder

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Lack of focus



Talk out of turn



Text or leave the classroom

Dyscalculia

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Difficulty understanding basic math facts



Difficulty recognizing patterns/sequences



Difficulty understanding time related concepts

Dyslexia

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Problems spelling



Lengthy time completing reading or writing tasks



Trouble learning a foreign language



Difficulty doing math problems

Discussion:
In your chat box

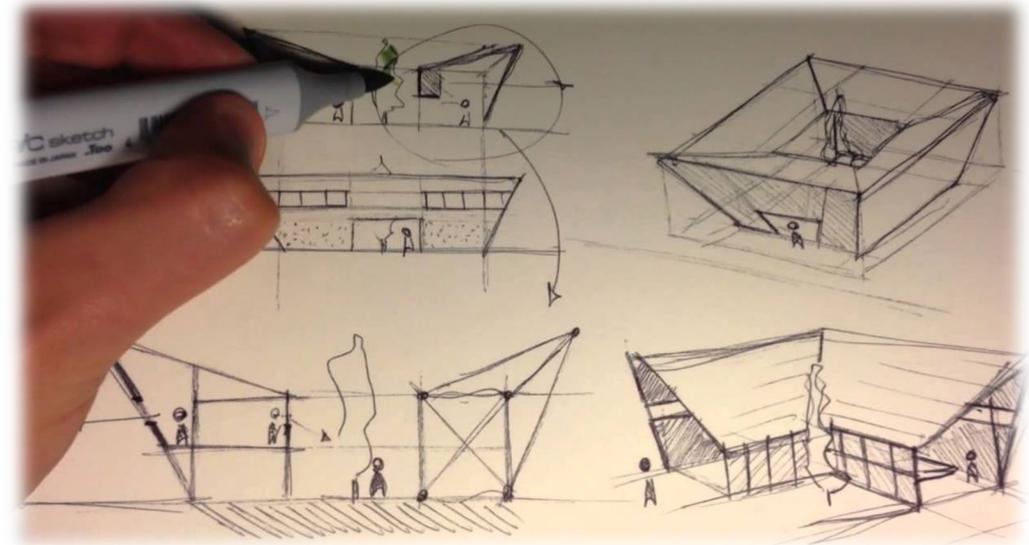


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1. In your opinion, are disabilities impacting your classroom?
2. If so, How?

Universal Design

- ▶ Architectural concept
- ▶ Coined by Ron Mace
- ▶ American Disabilities Act of 1990
- ▶ **3** takeaways from redesign



3

Takeaways from Redesign

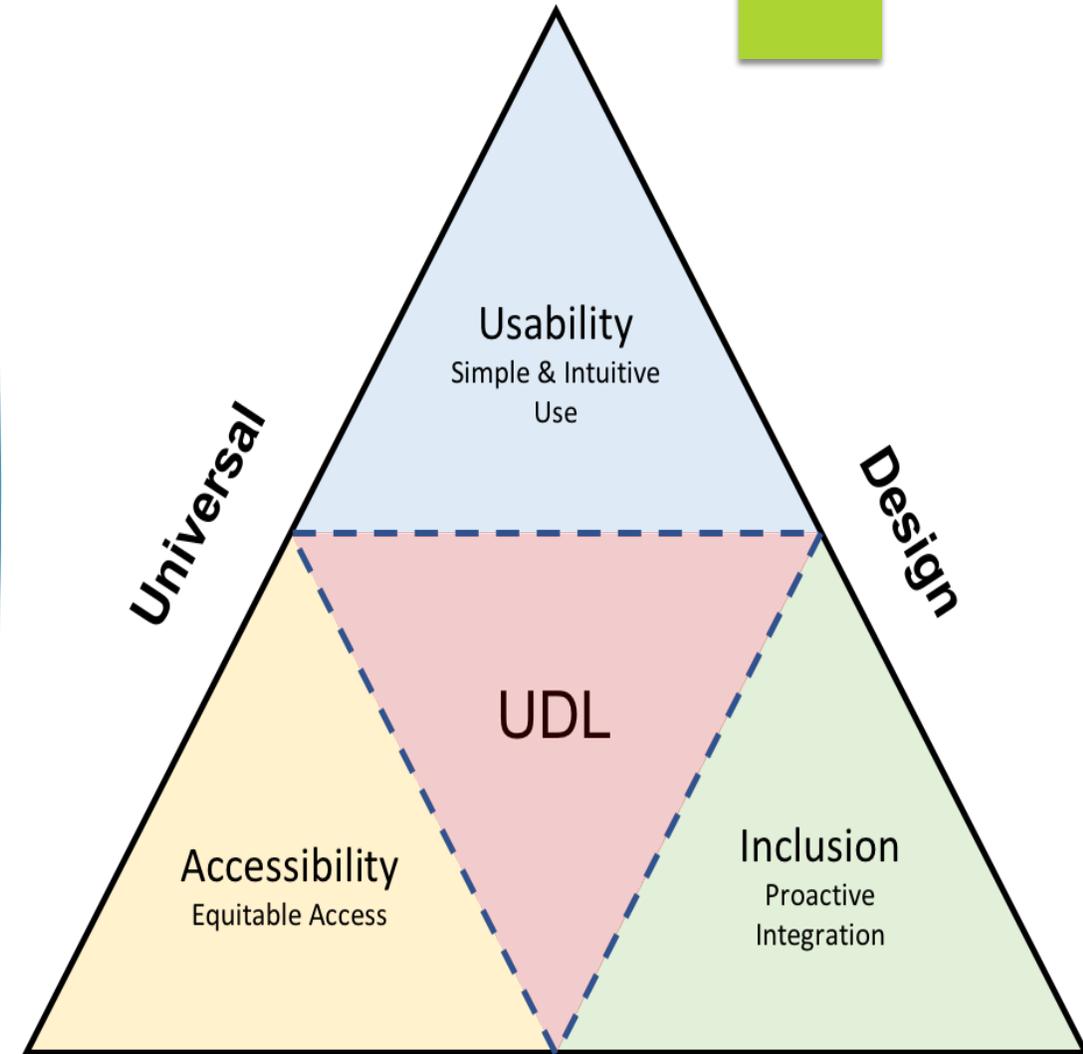
- ▶ Anticipate needs
- ▶ Everyone benefits
- ▶ Environmental barriers



Universal Design for Learning

- ▶ Framework designed to optimize learning for all students
- ▶ **3** core principles

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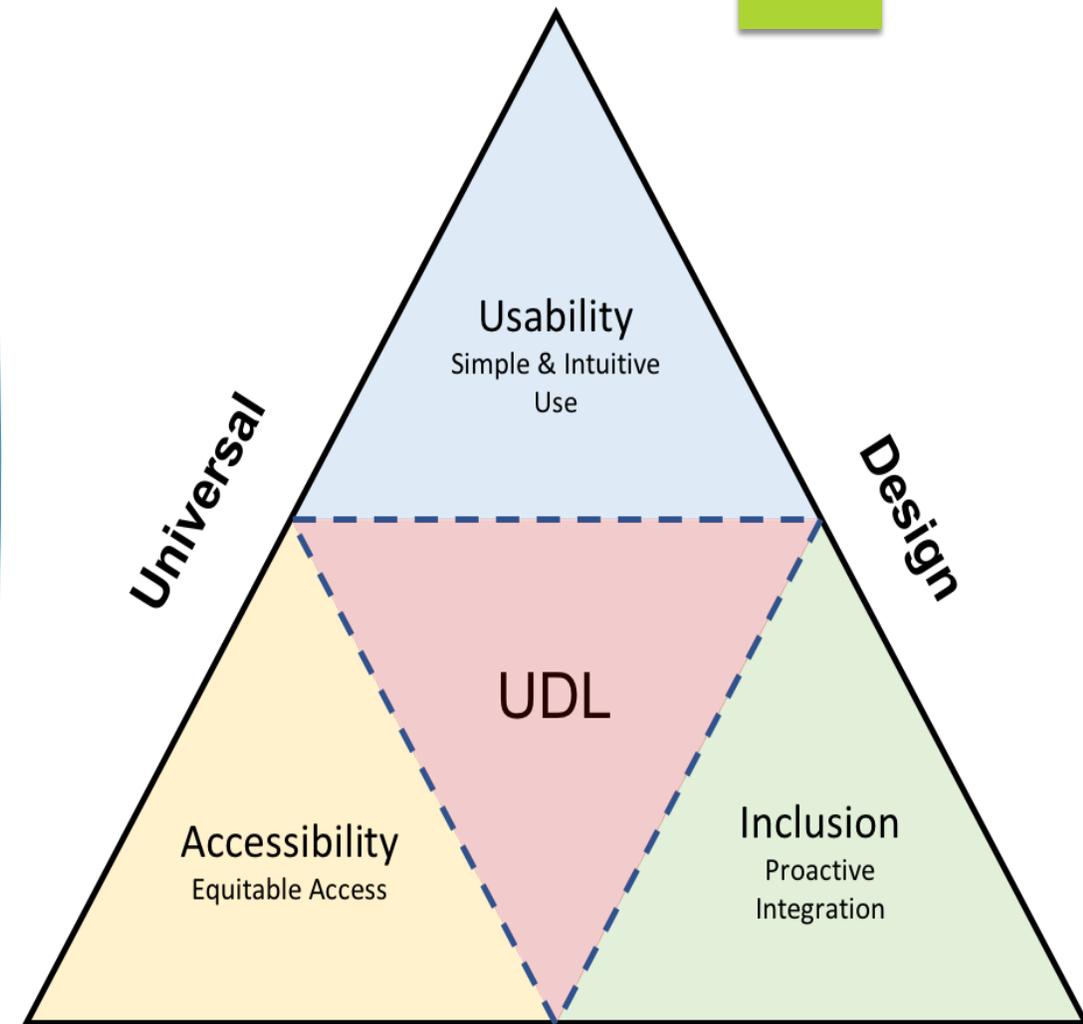
Principles

Universal Design for Learning

Provide multiple means of:

- ▶ Representation
- ▶ Expression
- ▶ Engagement

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KWL

Please respond to the poll

Results will be shared once
all responses have been
entered



KWL

- ▶ 3 Columns
- ▶ K for what is known
- ▶ W for Want to know
- ▶ L for Learned

What I KNOW	What I WANT to Know	What I LEARNED
KWL Teaching Strategy		
		
Knowledge pupils have about a given topic.	What pupils want to or need to learn more about the topic.	Learned information about the topic after investigation or study.

KWL

- ▶ Instructor could post learning objectives

Or

- ▶ Have students to preview the chapter (SQ3r) style prior to starting chart

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Example KWL Chart Objectives & Terms

- What is active reading?
- How do you preview reading assignments?
- How do you activate your background knowledge?
- What are positive and negative comprehension signals?



KWL

Using these prompts

Students will then complete the K & L sections of the KWL chart

K-W-L Chart		
Topic: <u>Active Reading Strategies</u>		
What I Know	What I Want to Know	What I Learned
		

KWL Options

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K-W-L Chart		
Topic: _____		
What I Know	What I Want to Know	What I Learned

Students can complete while:

1. Participating in lecture
2. Using their textbook
3. Completing other research activities

KWL

- ▶ Determine the number of learned points you want students to include in each column
- ▶ Ex: 2, 2, 10

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K-W-L Chart		
Topic: _____		
What I Know	What I Want to Know	What I Learned
2	2	10

KWL

Options:

Students submit

or

Simply use as note
taking strategy



Brain Dump

What it is

- ▶ Retrieval Strategy
- ▶ Students record everything they know



Brain Dump

How it's done

- ▶ Only requires a pencil and paper
- ▶ Done at any time in a lesson or chapter



Brain Dump

Why it's done

- ▶ Ensure transfer
- ▶ Identify gaps
- ▶ Reduce test anxiety



Student Teaching Activity

What it is

- ▶ Strategy that allows students to teach their peers



Student Teaching Activity

How it's done

- ▶ Students work in groups of 4
- ▶ Each student chooses a topic from a list
- ▶ Each student creates their lesson



Student Teaching Activity

Why it's done

- ▶ Build independence
- ▶ Establish effective communication
- ▶ Experience using online resources





1 min

Brain Dump:

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1. On a sheet of paper or in MS Word Brain dump everything you remember from today's session
2. Put your top 1- 2 takeaways in the chat box

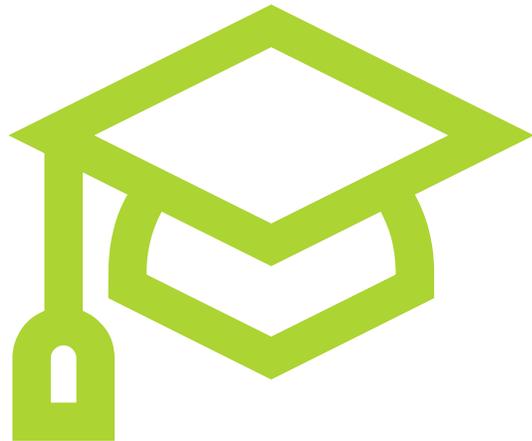


Suggested Reading

Agarwal, P. K., & Bain, P. M. (2019). *Powerful teaching: unleash the science of learning*. San Francisco: Jossey-Bass.

About Universal Design for Learning. (2019, April 23). Retrieved October 17, 2019, from <http://www.cast.org/our-work/about-udl.html#.Xkr82OhKiUk>

Overview. (2020). Retrieved October 17, 2019, from <https://www.washington.edu/doit/programs/center-universal-design-education/overview>



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2020 TLT SESSIONS

- ▶ March 17, 2020 – PACT at Midlands Technical College
- ▶ April 21, 2020 – Experience/Work-Based Learning
- ▶ May 19, 2020 – Rural Issues
- ▶ Other topics include: dual enrollment, tech in the classroom, first year experience, distance learning, mental health

Want to showcase your expertise? Is there a teaching technique that has been effective in the classroom? Apply to be a TLT presenter!

For more information and full schedule:

www.sctechsystem.edu/tlt



GIVE US YOUR FEEDBACK

<https://www.surveymonkey.com/r/Feb2020TLT>

