

ENGAGING AND UPLIFTING MUSIC MAKERS WITH DISABILITIES

WITH MILES WILCOX

CMN CONFERENCE NOV 5, 2023

SESSION OUTLINE

- Introduction - About Me
- Universal Design for Learning (UDL)
 - ➡ Activity: So Glad I'm Here
- Accommodations and Modifications
 - ➡ Activity: Fran-C-I-S-Co with stretchy band
- For The Audience
 - ➡ Activity: I Play My 'Ukulele
- Questions
- Contact Me - Resources

ABOUT ME:

“MR. MILES”

- **BA in Music** : Bard College at Simon’s Rock
- **Masters of Music in Music Education** : Boston Conservatory at Berklee
- **Berklee Institute for Accessible Arts Education:** Private Lessons, Music Class for Young Children, Rock Band, ‘Ukulele Ensemble (2015–)
- **Newton Public Schools** : K-5 General Music including ‘ukulele, chorus, band, orchestra (2020–)



LEARNING TARGETS

©I can use principles of Universal Design to make my music accessible to all

©I can explain common accommodations I can make in all of my music making

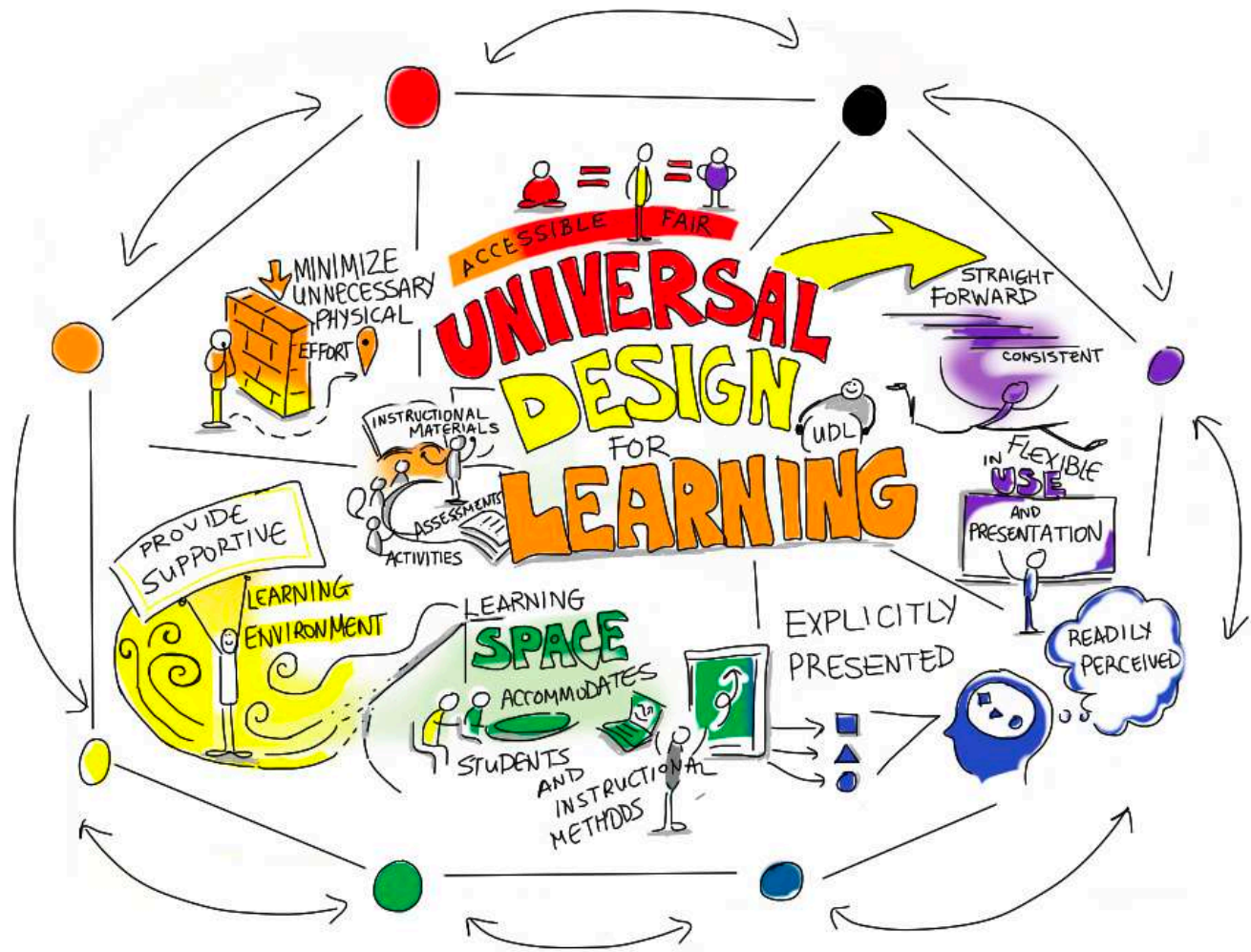
©I can identify next steps in my learning to make my teaching more accessible to individuals with disabilities



***There will be time at the end
for questions— feel free to
raise your hand at any point!***

A photograph of a woman and a young girl sitting on a patterned rug, playing ukuleles. The woman is on the right, wearing a pink shirt and a headband, looking down at her instrument. The girl is on the left, wearing a blue shirt, also looking at her instrument. The background is softly blurred, showing a window and some indoor plants. The entire image has a semi-transparent teal and yellow-green overlay.

UDL: UNIVERSAL DESIGN FOR LEARNING



UDL provides multiple means of...

Engagement



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

Representation



Present information in different ways to support access and understanding

Action & expression



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

The Universal Design for Learning Guidelines

CAST | Until learning has no limits

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

Provide options for

Provide options for

Provide options for

Affective Networks
The "WHY" of Learning



Recognition Networks
The "WHAT" of Learning



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**

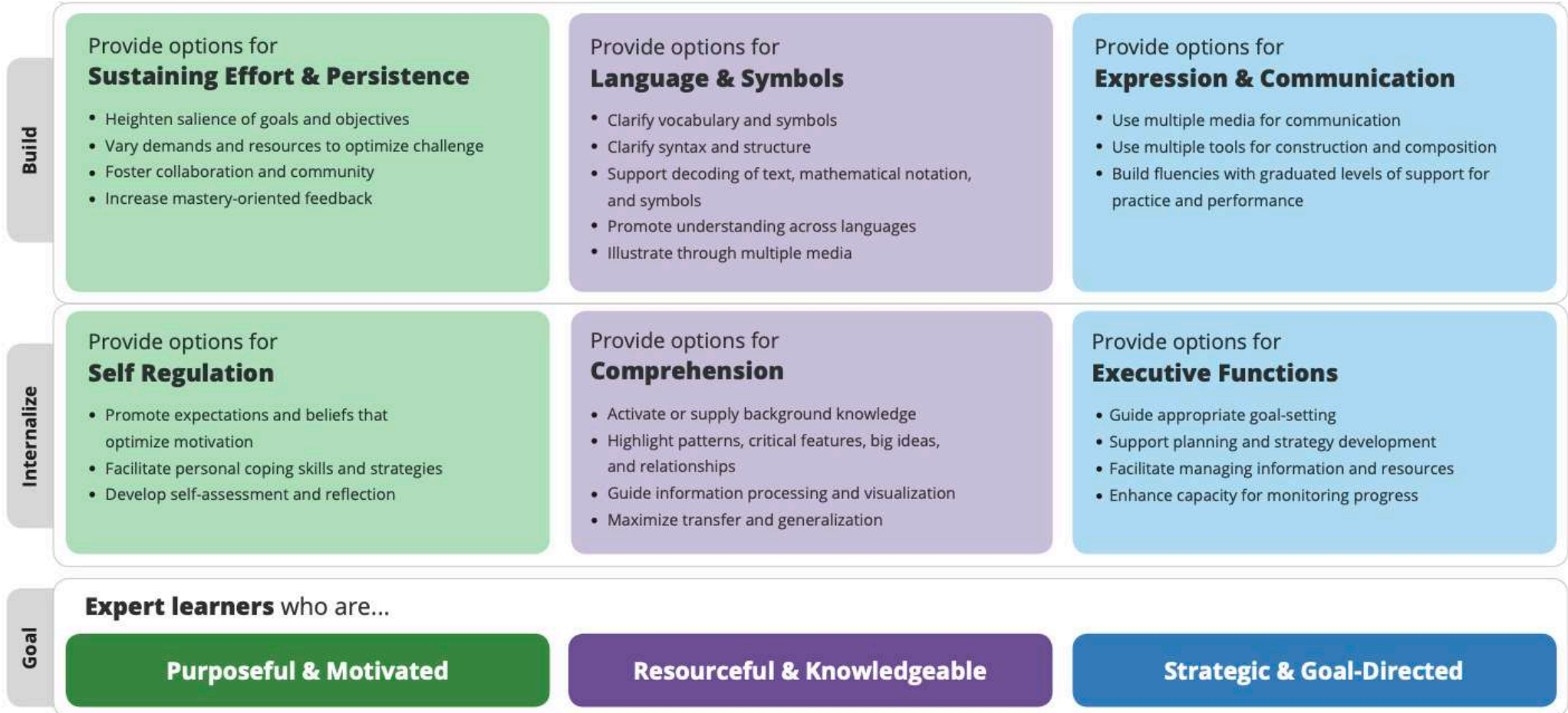
- Promote expectations and beliefs that optimize motivation
- Facilitate personal coping skills and strategies
- Develop self-assessment and reflection

Provide options for **Comprehension**

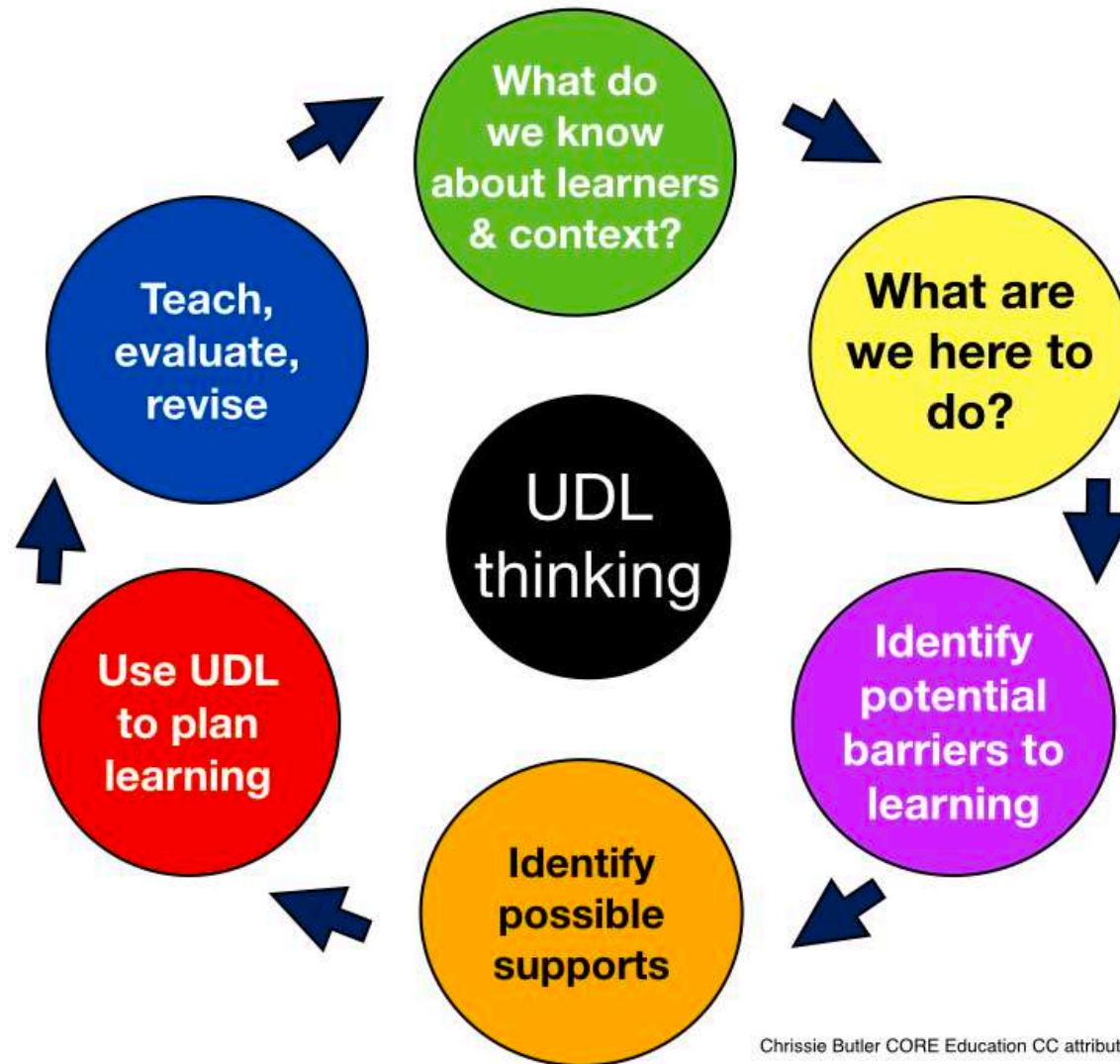
- Activate or supply background knowledge
- Highlight patterns, critical features, big ideas, and relationships
- Guide information processing and visualization
- Maximize transfer and generalization

Provide options for **Executive Functions**

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



When using UDL, we design our lessons under the premise that all learners experience the world differently, and rather than adding accommodations and modifications after the fact, we can create universally accessible lessons from the start.



"SO GLAD I'M HERE" SONG

WITHIN THE UDL FRAMEWORK

The Universal Design for Learning Guidelines

CAST | Until learning has no limits

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



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

Access

VISIT: [HTTPS://UDLGUIDELINES.CAST.ORG/](https://udlguidelines.cast.org/)

So Glad I'm Here

C

So glad I'm here So glad I'm here

G G⁷

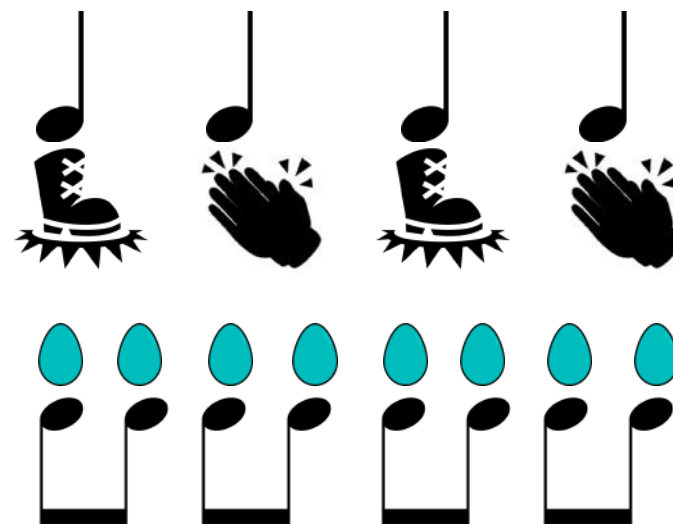
So glad I'm here, here to - day.

C E⁷ Am /G

So glad I'm here So glad I'm here

F G^{sus4} G C

So glad I'm here, here to - day.




1. So glad I'm here
2. Gonna stamp while I'm here
3. Gonna sing while I'm here
4. Gonna move while I'm here
5. So glad I'm here



**Allow folks
to engage
in their
own way,
in their
own time.**

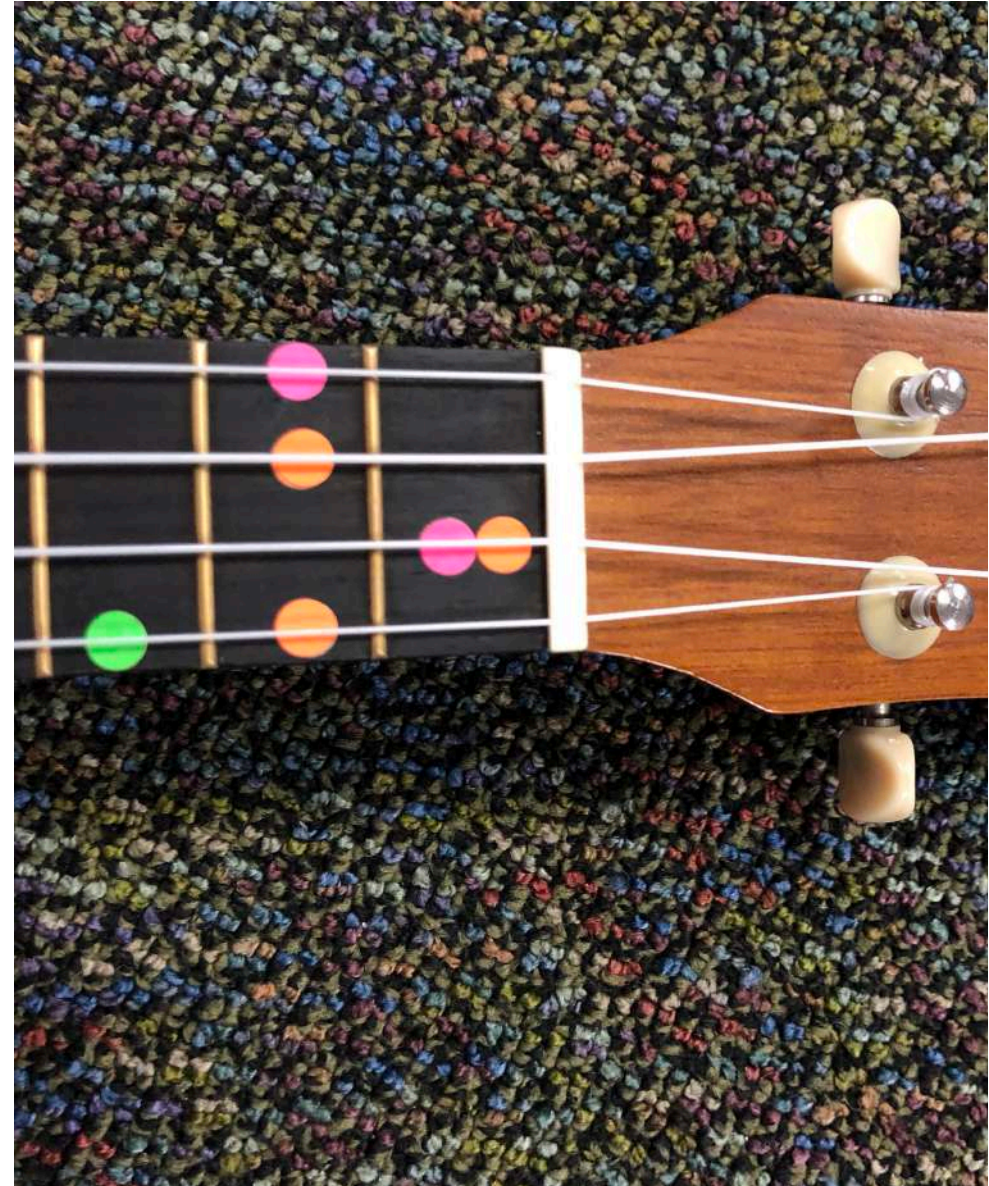
ACCOMMODATIONS & MODIFICATIONS

A young girl with dark hair is wearing large, blue and white headphones. She is holding a blue smartphone to her left ear with her right hand. She is wearing a light blue and white short-sleeved shirt with a green and blue horizontal stripe across the chest. The background is a soft-focus outdoor scene with trees and foliage in shades of yellow, orange, and blue. The text 'ACCOMMODATIONS & MODIFICATIONS' is overlaid in large, bold, black capital letters across the center of the image.

ACCOMMODATION:

"AN ALTERATION OF ENVIRONMENT, CURRICULUM FORMAT, OR EQUIPMENT THAT ALLOWS AN INDIVIDUAL WITH A DISABILITY TO GAIN ACCESS TO CONTENT AND/OR COMPLETE ASSIGNED TASKS. THEY ALLOW STUDENTS WITH DISABILITIES TO PURSUE A REGULAR COURSE OF STUDY."

- preferential seating, closer to the front
- larger print lyrics
- visuals, graphic organizers
- additional time
- verbal and visual cues and reminders
- alternative ways to access the same material





MODIFICATION:

"A CHANGE IN WHAT IS BEING TAUGHT TO OR EXPECTED FROM THE STUDENT. MAKING AN ASSIGNMENT EASIER SO THE STUDENT IS NOT DOING THE SAME LEVEL OF WORK AS OTHER STUDENTS."

- shorter phrases
- fill in the blank, or finish the end of the phrase
- fewer verses/songs/chords/rhythms
- yes/no or multiple choice vs. open-ended questions

DIFFERENTIATION:

When I teach an 'ukulele ensemble of various levels

Level 1: Strumming on One Chord

Level 2: Strumming Chord Progression

Level 3: Plucking Melody

Reggae Vibes

The image displays three staves of musical notation for the piece 'Reggae Vibes'. Each staff is labeled 'T' (Tenor), 'A' (Alto), and 'B' (Bass) on the left. Above each staff are chord diagrams for C, F, and G. The first staff (Level 1) shows a simple strumming pattern with a 3-beat measure. The second staff (Level 2) shows a more complex strumming pattern with a 7-beat measure. The third staff (Level 3) shows a plucking melody with a 7-beat measure, including a first ending (1.) and a second ending (2.) with a double bar line and repeat sign. The notation includes various rhythmic values and fingerings.

MR. GRAY'S MUSIC CLASSROOM



COMMON ACCOMMODATIONS

ACCOMMODATIONS

A. Physical

- 1. Instruments**
- 2. Mobility**
- 3. Muscle tone or control**

B. Sensory

- 1. Sensory-seeking or sensory-avoidant**
- 2. Break space, sensory room**
- 3. Fidgets: silent, no mess/residue**

C. Neurodiversity

- 1. Communication differences**
- 2. Processing time**
- 3. Social stories, real-time narration**



ACTIVITY: STRETCHY BAND



FOR THE AUDIENCE

-
- **social stories/narratives (see BSO's Holiday Pops example)**
 - **ASL interpreter, Closed Captioning**
 - **include information on accessibility in promotional material**
 - **offer choice & options whenever possible**
 - **seating options: include standing room, wheelchair accessible, mobility aid accessible**
 - **establish a "stigma free" environment (see: Me2/ Orchestra)**
 - **sound and lighting: minimize sudden changes**

**WHAT ARE WAYS YOU ALREADY
SUPPORT ACCESSIBILITY IN
YOUR MUSIC MAKING?**



**It's so valuable
to connect with
people of all
experiences
through music!**

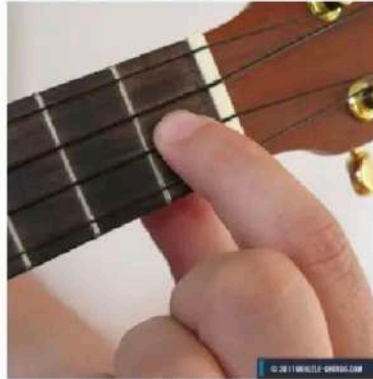
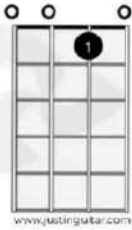
A close-up photograph of a person's hands playing a ukulele. The image is overlaid with a vibrant, multi-colored gradient that transitions from blue on the left to yellow and orange in the center, and finally to purple and pink on the right. The text 'ACTIVITY: I PLAY MY 'UKULELE' is superimposed in the center of the image.

ACTIVITY: I PLAY MY 'UKULELE

MODIFIED F MAJOR CHORD

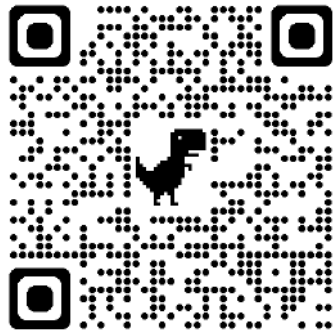
TECHNICALLY AN FADD9

ONLY ONE FINGER,
EXACTLY ONE STRING
AWAY FROM C7



Thanks Maria Doreste!

www.justinguitar.com



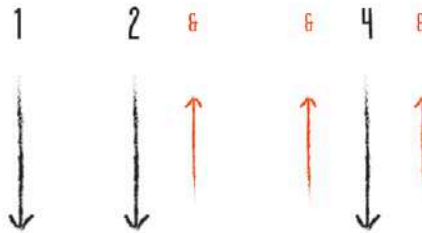
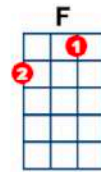
C7 Chord to *F Chord

The diagram illustrates the transition from a C7 chord to an F chord on a ukulele. On the left, the C7 chord is shown with notes G, C, E, A on the strings and the first finger on the first fret of the first string. A red arrow labeled "MOVE 1st FINGER" points to the right. On the right, the F chord is shown with notes G, C, E, A on the strings and the first finger on the second fret of the first string. Below each diagram is a corresponding photograph of a hand playing the respective chord.

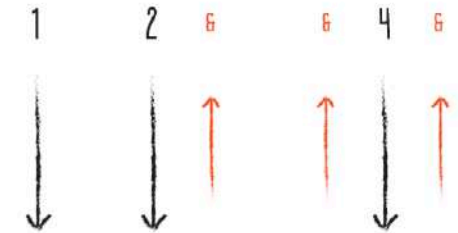
I Play My 'Ukulele by Lono



I play my 'ukulele when I'm feeling good



I play my 'ukulele when I'm in a bad mood

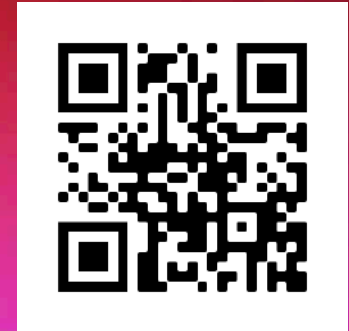


I play my 'ukulele and that's alright with me.



QUESTIONS?

GET IN TOUCH!



MILES WILCOX

mwilcox2@berkeley.edu

mileswilcox.weebly.com

RESOURCES

Berklee Institute for Accessible Arts Education: <https://college.berklee.edu/BIAAE>

Universal Design for Learning: <https://udlguidelines.cast.org/>

Bear Paw Creek Stretchy Band: <https://musicandmovementproducts.com/shop/movement-props/bear-paw-creek-best-selling-stretchy-band-music-movement-prop/>

Boston Symphony Orchestra- Sensory Friendly Concerts: <https://www.bso.org/learn/children-families/sensory-friendly-performances>

Me2/ Orchestra: <https://me2music.org/about/>

Mr. Gray's Music YouTube Channel: <https://www.youtube.com/c/MusicwithMrGray>

More presentations by Mr. Miles: <http://mileswilcox.weebly.com/blog>