

Universal Design for Learning in Physical Education

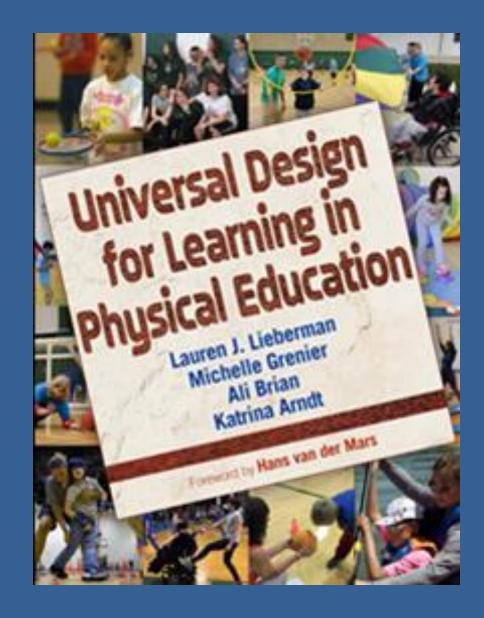
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Universal Design for Learning in Physical Education



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What is UDL?



Instructional planning and delivery framework intended to increase, meaningful access and reduce barriers to learning for all students including those with diverse learning needs

You are the change agents!!!!

How can you educate your peers?

- Start with the questions-
- How are you making your curriculum accessible to all students?
- How are your students demonstrating their learning?
- How are you delivering the information to meet a diverse range of student need?

The change agents are you. Right now is the time to enhance the delivery and the way you plan and teach all your students.

Emerged from American with Disabilities Act in 1990

Federal Guidelines

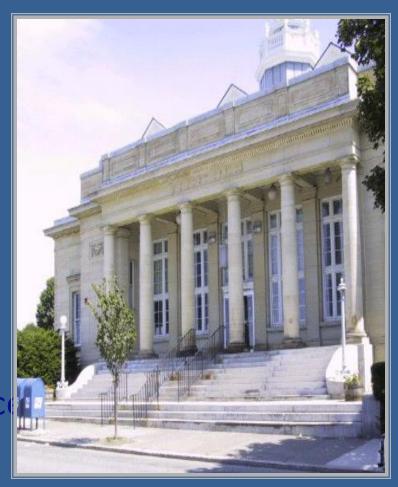
The UN Convention on the Rights of Persons with Disabilities recognizes access to information and communications technologies, as a basic human right.

Section 504 of the American Rehabilitation Act of 1973 discusses a great deal about the need for inclusion regardless of ability.

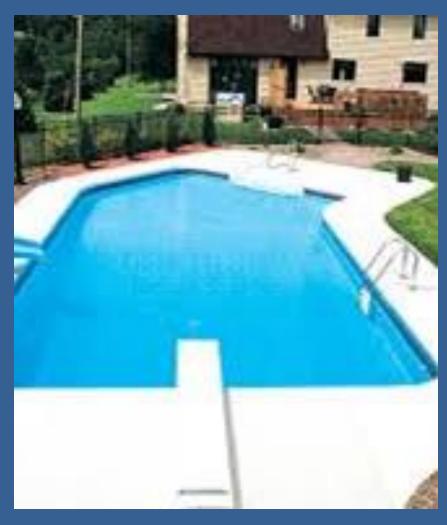
Origins of Universal Design

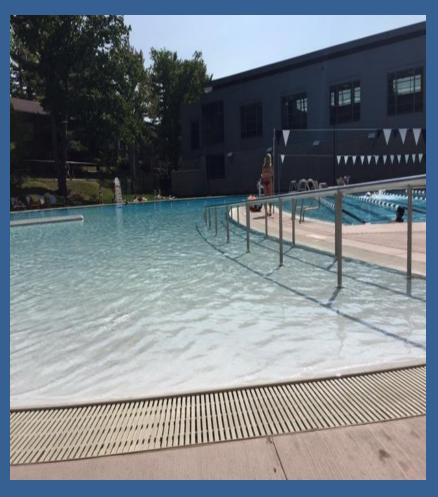
"Consider the needs of the broadest possible range of users from the beginning"

Architect, Ron Mac



Old and New/Barrier Free

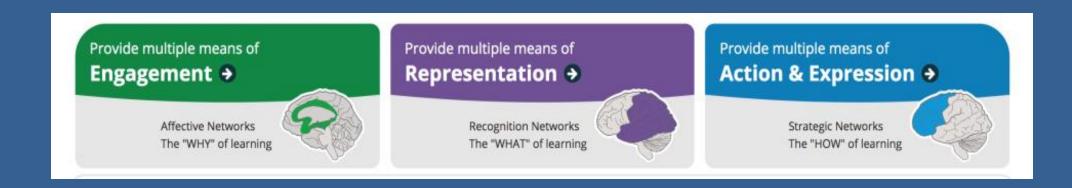




Universal Design for Learning Guidelines

UDL focuses on the WHY, WHAT, and HOW of learning-

- -Essential when delivering instruction to home
- -Essential when students return to school AFTER a wide range of experiences Essential when teaching face-to-face



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 o

- . Optimize individual choice and autonomy (7.1)
- Optimize relevance, value, and authenticity (7.2)
- . Minimize threats and distractions (7.3)

Provide options for

Perception on

- Offer ways of customizing the display of information (1.3)
- Offer alternatives for auditory information (1.2)
- Offer alternatives for visual information (1.3)

Provide options for

Physical Action (4)

- Vary the methods for response and navigation (4.1)
- Optimize access to tools and assistive technologies (4.2)

Provide options for

Sustaining Effort & Persistence

- Heighten salience of goals and objectives (8.1)
- . Vary demands and resources to optimize challenge (8.2)
- . Foster collaboration and community (8.3)
- Increase mastery-oriented feedback (#-4)

Provide options for

Language & Symbols @

- Clarify vocabulary and symbols (2.1)
- Clarify syntax and structure (2-2).
- · Support decoding of text, mathematical notation, and symbols (2.3)
- . Promote understanding across languages (2.4)
- Illustrate through multiple media (2.5).

Provide options for

Expression & Communication is

- Use multiple media for communication (5.1)
- Use multiple tools for construction and composition (5.2)
- · Build fluencies with graduated levels of support for practice and performance (5.3)

Provide options for

Self Regulation on

- · Promote expectations and beliefs that optimize motivation (9.1)
- Facilitate personal coping skills and strategies (9.2)
- . Develop self-assessment and reflection (9.3)

Provide options for

Comprehension @

- Activate or supply background knowledge (3.1)
- · Highlight patterns, critical features, big ideas, and relationships (3.2)
- Guide information processing and visualization (3.3)
- Maximize transfer and generalization (2.4).

Provide options for

Executive Functions «

- Guide appropriate goal-setting (6.1)
- Support planning and strategy development (6.2)
- Facilitate managing information and resources (6-3)
- . Enhance capacity for monitoring progress (6.4)

Expert learners who are...

Purposeful & Motivated

Resourceful & Knowledgeable

Strategic & Goal-Directed

Engagement Principle 1

Stimulating students interests and motivation for learning in a variety of ways.

Examples:

Teacher distributes as much equipment as possible to maximize opportunities to respond.
Games and rules are modified to address multiple learning domains.

Representation **Principle 2**

Presenting information and course content in multiple formats so that all students can access it

Examples:

Audio, visual, kinesthetic, and approaches specific to the needs of the child such as tactile modeling. Utilize a variety of teaching strategies.

Action and Expression Principle Principle 3

Understanding that there are multiple avenues for students to perform the GLO's

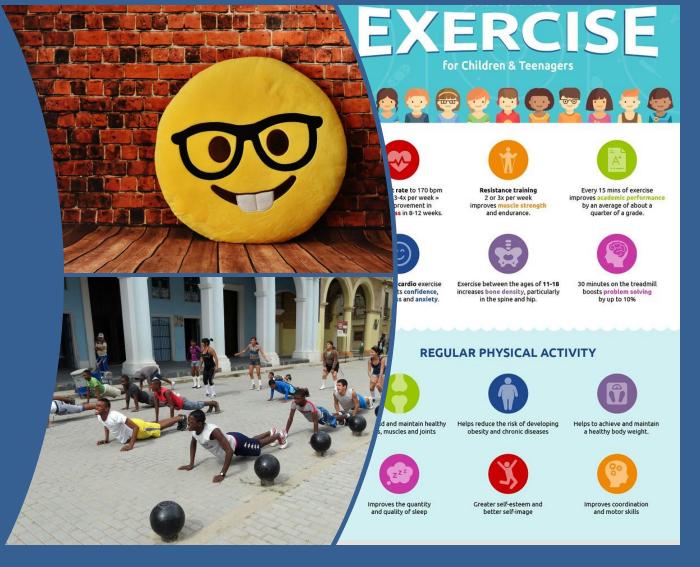
Examples:

Allow for a variety of skills that meet particular learning outcomes.
Recognize that students' abilities will be different!

Universal
Design for
Learning







Multiple Means of Engagement-How do you motivate your students?

- Challenges
- Preferences (foods), Rewards
- Music (Ariana Grande), Pop culture
- Social Mediahttps://static.flipgrid.com/do cs/Flipgrid_physical_educati on.pdf
- MANGA
- Other?



Multiple Means of Representation – How we teach and provide materials to the student

- Learning Platforms in the School
- Zooms
- Images
- Students for demonstration
- Posters
- Song with cues
- <u>SUPER MARIO</u>
- OPTIONS



Multiple Means of Action and Expression-How do we assess what they know?

- Computer
- Verbal/sign description
- Physical demonstration
- Photo choices
- Physical demonstration
- Variations in performance (distance, equipment, speed, skill)





WELLOWE TO PE











UNDERHAND THROWING







KEYS TO SUCCESS



STAND FACING YOUR TARGET.



BRING YOUR THROWING ARM BACK BEFORE YOU THROW.



STEP WITH YOUR OPPOSITE FOOT AS YOU THROW.



RELEASE THE BALL BETWEEN YOUR KNEE & WAIST LEVEL.



FOLLOW THROUGH TO YOUR TARGET.



Put your basket on the ground about 5 walking steps away from your throwing spot. You'll have one minute to see how many times you can get your stuffed animal or sock ball to land on your target.





5 walking steps away





Each time you make it in the basket

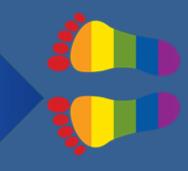
take a step back







5 walking steps away





Change the angle you are throwing from.











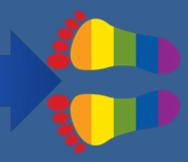
Make up your own.



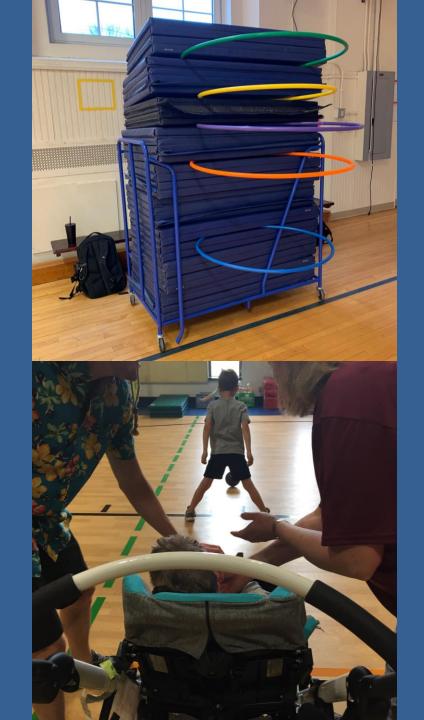




5 walking steps away



Action and Expression





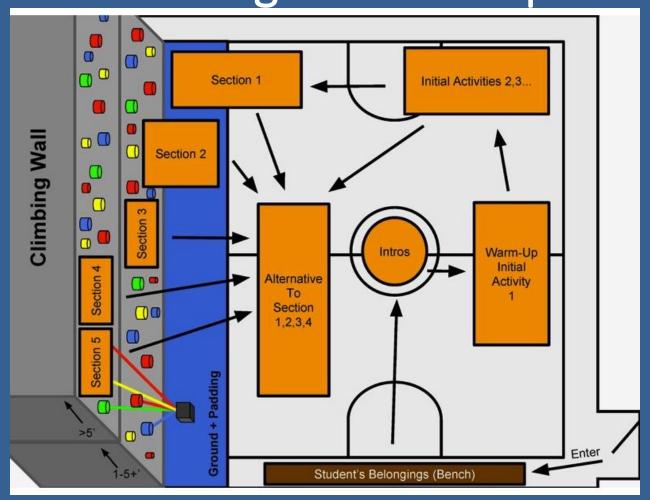


EVERYONE HAS THEIR OWN STYLE

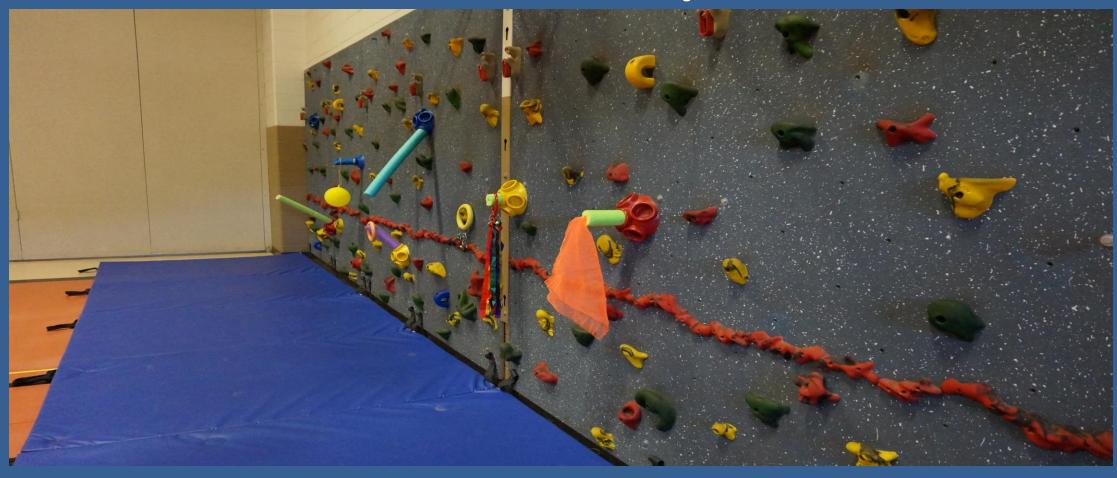
S1.M25
IndividualPerformance
Activities
Demonstrates correct
technique for basic
skills in one selfselected individualperformance activity.
(S1.M25.6)



Thinking about the space



Traverse wall as an option!



And the Floor!



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Thank-you!

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