

Today we'll discuss:

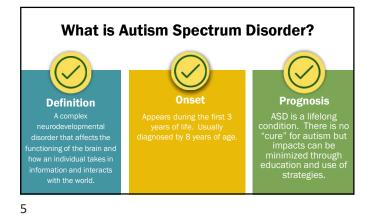
- What is autism spectrum disorder (ASD)?
- How does autism affect the individual?
- What is Executive Functioning (EF)?
- Are EF skills important in the educational setting?
- What is universal design for learning (UDL)?
- What is it NOT?
- How does UDL support student engagement? And why?

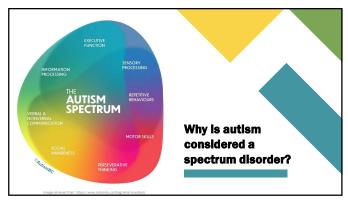


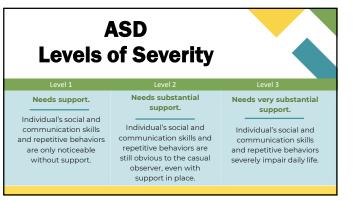
WV ATC Direct Services

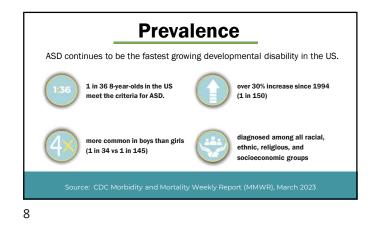


- Criteria for registration
- Family Initiated
- Consultation Services
- WV Autism Mentor CourseCommunity Outreach and
- Trainings













Characteristics of Autism

- Deficits in communication skills
 Restricted, repetitive patterns of behavior, interests, or activities

*Characteristics from each of the 3 main categories <u>must</u> be present to a clinically significant degree.

Social Interaction Difficulties

- Responding to emotional or social cues
- Making appropriate eye contact Making and keeping friends
- Shared attention (sharing focus on an object, activity, or area with another person
- Difficulty with "Theory of Mind"



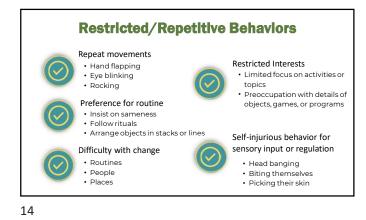


Communication Difficulties

- Starting or ending a conversation
- Continuing a conversation • Understanding humor or
- Understanding and using gestures • Using words that seem odd or out of place, or have special meaning to just them
 - Interpreting communication literally



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Common Related Conditions

- Sleep disorders
- Dietary challenges Allergies
- Sensory processing difficulties
- Anxiety disorders
- Genetic disorders • Excessive fear or lack of
- fear
- Learning disorders
- Executive functioning deficits



Executive Functioning

"is an umbrella term utilized to capture a set of neurocognitive abilities involved in regulating goal-directed cognitive activity, as well as emotional and behavioral responses."

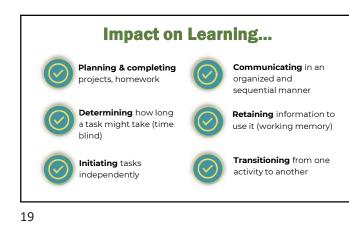


(Aita et al., 2022)

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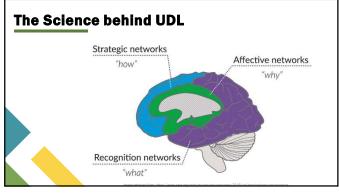




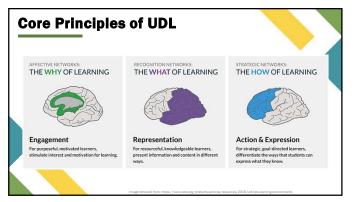


"Importantly, inclusion must be recognized as a complex process and not a static state... **Equal treatment is not the same as equal opportunity to learn**...Therefore, inclusion is more than placement." (Goodall, 2015, page 306)

> "Children with ASD provide an excellent example of where significant cracks exist in the system, to detriment of those who fall between them." (Goodell, 2015, page 308)









A set curriculum that comes with prepared lessons and explicit instructions

A quick fix that can be fully implemented overnight

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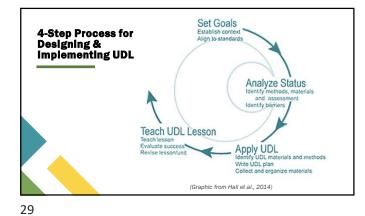
"UDL is not just about providing tools for students to access learning experiences and managing your classroom. It's about eliminating barriers so every student can succeed."

Katie Novak, UDL Now

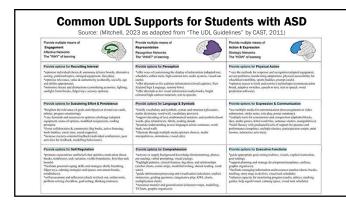


Understanding the UDL Guidelines

- Separated into 3 categories based on neural networks
- Provides educators with concrete suggestions
- Encourages proactive approach to identifying barriers and planning meaningful learning opportunities
- Acknowledges need for support as well as promotes academic challenge
- Intentionally designed to build skills toward development of "expert learners"



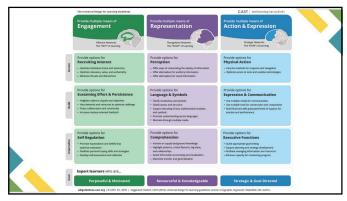














REFERENCES

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