

DNEA Delaware Network for Excellence in Autism

Understanding and Addressing Challenging Behaviors in School

March 2023



Welcome!

Understanding and
Addressing Challenging
Behaviors in School

DNEA | Delaware Network for Excellence in Autism

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- Led by the University of Delaware Center for Disabilities Studies (CDS), the DNEA provides training, technical assistance, and information dissemination that benefits individuals with autism, their families, and the professionals who serve them.
- The DNEA leverages interdisciplinary expertise and collaboration across multiple organizations, state agencies and specialists - including the Interagency Committee on Autism and network partner Autism Delaware - to promote equity, inclusion, and access through the use of evidence-based and promising practices for individuals with autism across the lifespan.





Training Citation

Please use the following citation guidelines when referencing or using any part of this training content:

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Workshop Agenda

Understanding and
Addressing Challenging
Behaviors in School

Review: Core Characteristics of Autism

 Considerations When Addressing a Challenging Behavior

Effective Strategies During SE-A-B-C



Training Objectives

At the completion of this training, participants will have a better understanding of:

- The core characteristics of autism and how children with ASD may experience school differently than their peers;
- 2. How co-occurring challenges such as masking and mental health concerns affect behavior; and
- 3. Effective evidence-based practices and positive behavior supports that can be used to address challenging behaviors.





Person-first Language

- Person WITH a disability
- Person WITHOUT a disability

Identity-first Language

- Disabled person
- Non-disabled person



(Autistic Self Advocacy Network, 2022)



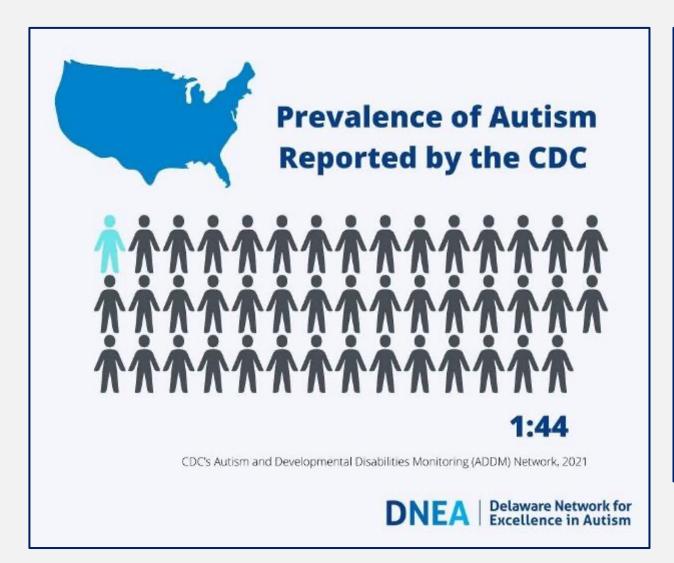


Disability and Changing Perceptions

Ableist Term	Suggested Alternatives
Special interest	Areas of interest or expertise
Comorbid	Co-occurring
High/low functioning	Describe specific strengths and needs and acknowledge the level of support needed varies across areas
Autism as a puzzle	Autism as part of neurodiversity
Autism as an epidemic	Autism as increasingly recognized and diagnosed. (Bottema-Beutel, 2021)



Review: Core Characteristics of Autism



Prevalence Estimates by Sex

Prevalence per 1,000 children:



For every 1GIRL, 4.1 BOYS were identified with ASD.

CDC's Autism and Developmental Disabilities Monitoring (ADDM) Network, 2018



Maenner, et al. (2021)





Autism Spectrum Disorder

Differences in social communication and social interactions that result in needs across multiple settings

Restrictive, repetitive patterns of behavior, interests, or activities

Autism Spectrum Disorder

APA (2013)



Social Interactions

- •Peer relationships- Initiating and maintaining conversations, taking turns in conversations
- •Joint attention Shared attention on a single object
- •Emotional Reciprocity- Initiating, maintaining or responding to communication attempts, difficulty staying on topic, understanding others point of view
- •Gestures- Nonverbal language (hand signals, head nods, facial expressions)
- •**Eye Contact-** Too much or too little eye contact or may make too much eye contact during social exchanges





Communication Skills

- •Delayed language- May not hit developmental milestones
- •Echolalia- Repeating words and/or phrases
- •Receptive communication- May process information that provides meaning at differing speeds
- •Expressive communication- The speed in which it takes to move thoughts/ideas/questions into words may differ
- •Varied communication methods- May communicate using AAC device, PECS, gestures, switch or other methods

Please take a seat.





Autism Spectrum Disorder

Differences in social communication and social interactions that result in needs across multiple settings

Restrictive, repetitive patterns of behavior, interests, or activities

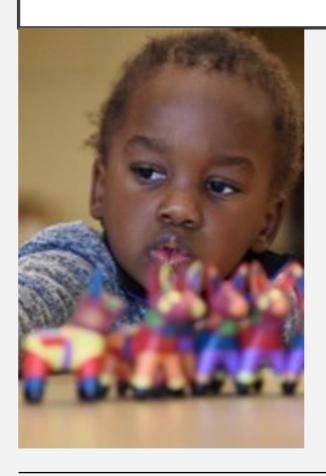
Autism Spectrum Disorder

APA (2013)





Restrictive, Repetitive Patterns of Behavior



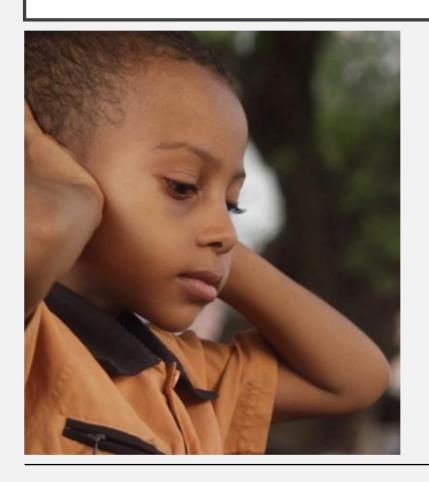
Potential areas of need:

- •Repetitive movements & self-stimulation- May engage in activities that sooth or stimulate (e.g., rocking, twirling, hand flapping)
- •Resistance to change- May have difficulty moving from one activity to another, especially if it is unexpected
- •Specific interests- May have specific interests that are different than children without autism (e.g., bands, dates, toys, TV shows, activities)
- •Generalization- May have difficulty applying information learned in one location to another
- Sensory- May be over or under sensitive to different sensory input





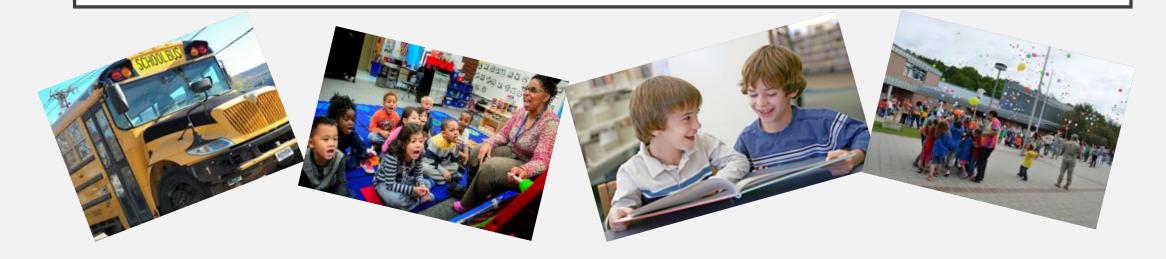
Sensory Differences



- Individuals with autism may have sensory differences
- •Sensitivity to smell, sound, sight, touch, taste,
- Pain and temperature
- Seeking and avoiding behaviors



What about school may be difficult for students with autism?



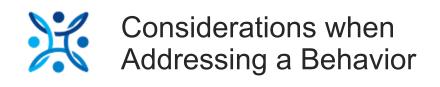
Many of the things that make school interesting and fun for some students, can be stressful or overwhelming with a student with autism





Cory can't call out!





- Unintentional Ableism and Bias
- Co-occurring Mental Health Needs



Considerations When Identifying a Behavior to Address

- Be mindful to only address behaviors that need to be addressed
- Be aware of ableist decision-making
 - Masking or camouflaging
 - Pretending to be someone you are not
 - Camouflaging autistic traits associated with increased suicidality (Cassidy et al.; 2019)

"Sometimes, when I have had to do a lot of camouflaging in a high stress environment, I feel as though I've lost track of who I really am, and that my actual self is floating somewhere above me like a balloon."

(Hull et al., 2017)





Effects of Masking



- Stress and anxiety
- Depression
- Exhaustion
- Delayed identification of autism
- Loss of identity
- Increased risk of suicidal thoughts







Change my mind!







Diagnosis Can Be a Clinical Challenge

Individuals with autism who are experiencing mental illness may present in very different ways than their peers without autism

- Diagnostic overshadowing (e.g., misunderstanding withdrawal; Kerns et al., 2015)
- Limited receptive and expressive language
- Deficits in communicating about internal states
- Assessment measures difficulties with abstract language used, identifying emotions; common measures typically not normed on ASD

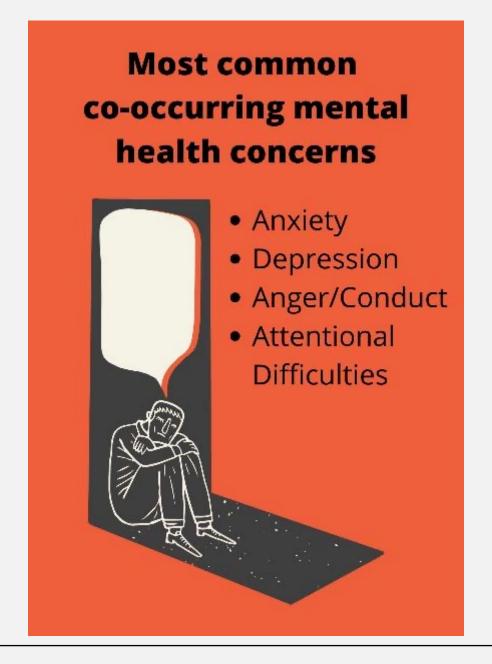




Prevalence of Comorbid Mental Health Diagnoses

- Individuals with ASD experience high rates of co-occurring mental health conditions
 - Approximately 70% of children with ASD have at least one mental health diagnosis (Eaves & Ho, 2008; Leyfer et al., 2006; Simonoff et al., 2008)
 - Approximately 25% of adults with ASD exhibited BOTH anxiety and depression (Uljarevic et al., 2020)
- Individuals with ASD are also at increased risk for suicide (Cassidy et al., 2020).
- Autistic adults (Camm-Crosbie et al., 2019) and parents of children with autism (Brookman-Frazee, 2012a) report dissatisfaction and difficulty accessing community mental health services
- MH professionals express difficulty identifying and using evidence-based practices (EBP) due to limited professional training (Brookman-Frazee et al., 2012b)







Core Characteristics of Autism Increase Susceptibility to Mental Health Disorders

Social Communication

- Feelings of frustration when expressive communication is difficult
- Difficulties understanding messages and meaning
- Social withdraw from social situations with high communication requirements

Restricted, repetitive behaviors

- Rigidity can lead to social anxiety
- Limited social opportunities (playdates, parties)
- Stress associated with transitions
- Sensory differences can lead to dysregulation
- Bullying can put children at risk for mental health disorders

(Karmin, 2014)





Anxiety Disorders and ASD

Prevalence:

- Children and adolescents 40% (Uljarevic et al., 2016)
- Adults up to 53.6%

Risk factors:

- life changes/stressors
- older age
- higher IQ and language ability (Kerns et al., 2014)
- sensory hypersensitivity (Green & Ben-Sasson, 2010)
- ASD severity a predictor of "atypical" anxiety (Kerns et al., 2014)





How Anxiety Presents with Autism

Most common DSM diagnoses:

- Specific phobia
- GAD
- Social phobia
- Separation anxiety disorder
- OCD

Atypical Presentation:

- Anxiety related to routine, novelty
- Unusual specific fears
- Social fearfulness
- Compulsive/ritualistic behavior

Kerns et al., (2016); Kerns & Kendall (2012)





Depressive Disorders and ASD

Prevalence (Uljarevic et al., 2020; Wigham et al., 2017)

- Children/Adolescents rates vary from 15.8 to 54%
- Adults up to 35%

Risk factors (Hand et al., 2019)

Suicidal ideation/attempts: young age, co-occurring psychiatric conditions

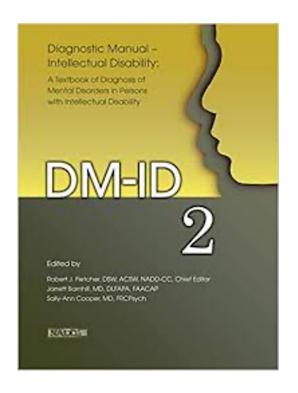


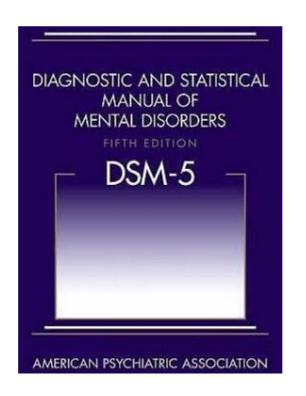


How Depression Presents with Autism

- High rates of co-occurring depression and anxiety approx. 25% (Uljarevic et al., 2020)
- Increased rates of depression overall and perhaps:
 - Irritability; Feeling depressed; Anhedonia; Suicidal ideation;
 Worthlessness/guilt; Fatigue; Change in sleeping; Change in concentration (Bitsika & Sharpley, 2015)
- Camouflaging autistic traits associated with increased suicidality (Cassidy et al., 2020)







DSM 5 & DM-ID 2



Cory's behavior escalates



Effective Strategies During SE-A-B-C

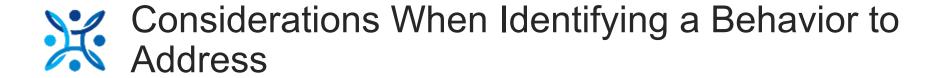


What does research tell us?

- Effective strategies:
 - Support effective teaching and learning of <u>all students</u>
 - Establish a positive relationship between the teacher and <u>all students</u>
 - Focus on preventative strategies rather than reactive strategies
- Sometimes teachers feel uncertain about the best way to use preventative strategies so they use less effective reactive strategies

Korpoershoek, et al. (2016); Lewis & Sugai (1999); Ruble et al. (2011); Shook (2012)





- Only address a few behaviors at a time
 - Prioritize based on the safety of your child and those around them
- Be mindful to only address behaviors that need to be addressed
- Consistency is key!







A condition that triggers a behavior.

An event that triggers a behavior.

An observable and measurable act of an individual.

A stimulus change that strengthens or weakens the future occurrence of the behavior in the presence of those antecedents

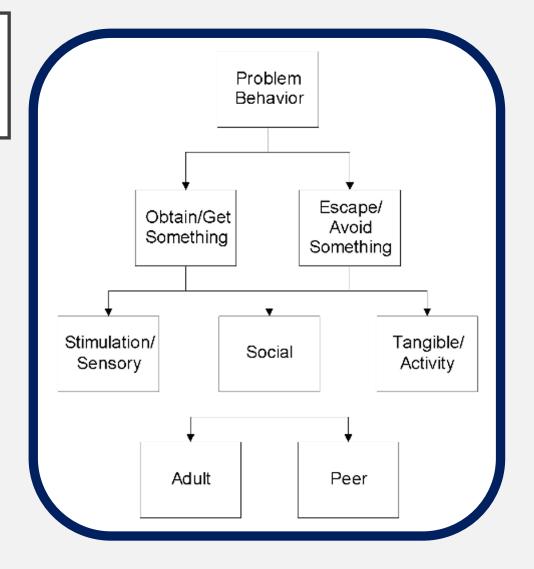




Understanding Function

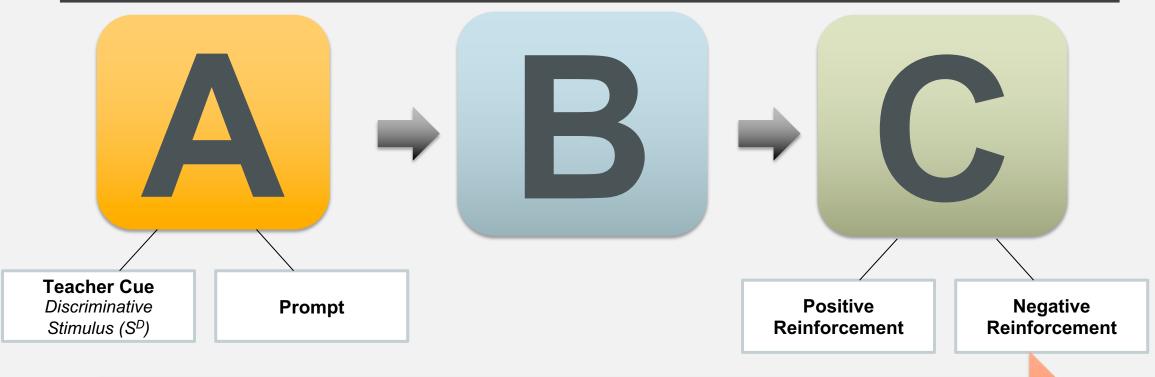
 Collecting SE-A-B-C data can be useful in understanding the function of behavior

 Understanding the function of the behavior helps us develop a plan for addressing it





Using the ABCs of Learning to Address Behaviors



LEARNING

Albero & Troutman (2022); Collins (2012)

Setting Event

Antecedent

Communicate and celebrate disability

- Discuss how to identify and speak about your student's disability
- Describe specifically what TO expect to other adults

 Let your student speak for themselves – and listen!





Stick to the schedule

- Stick to as many routines and daily activities as possible
- Create and teach schedule pieces for upcoming or new activities
- Create a routine for unpredictable events





Remember the importance of predictability

- Use visual schedules, timers, social narratives, and role playing
- Practice strategies for calming and self-advocating
- Remember to incorporate communication devices, calming objects, or other permanent supports with you as you visit friends and family





Use Visual Supports

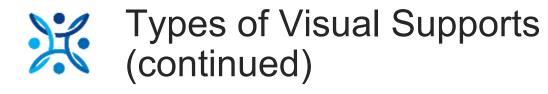
Setting Event

Antecedent

Visual Support	What does it do?	Consider using if your student needs support
Visual Schedule	Visual schedules are used to identify activities or events that will occur within an identified timeframe	 Understanding processes or changes Remembering schedules or routines Reducing dependency on others to navigate sequences of activities, classes, or obligations
Visual Timer	Visual timers make the abstract concept of time more concrete by showing the passing of time in a visual format	 Understanding the duration of an activity Determining how long an undesirable activity will last Preparing for the end of a preferred activity

Rutherford (2019)





Setting Event

Visual Support	What does it do?	Consider using if your student needs support
Visual Boundaries	Visual boundaries help structure and increase predictability in different areas of a learner's environment	 Understanding expectations for different areas or locations of an environment Regulating their body's position in relation to others Making abstract rules about space and the environment more concrete Maintaining a safe learning area
Visual Cues	Visual cues provide visual information about an activity, event, or concept in order to increase success of task completion	 Initiating a response Understanding what is available to them Expressing their choice or preference Engaging in activities independently



Tips for Visual Supports: Determine the Visual Stage

Setting Event

Object	Use of actual objects and items for visual needs
Photo	Use of real photos such as pictures and magazine photos
Picture Symbolic	Use of colored drawings
Line Drawing	Use of black and white line drawings
Text Apple	Use of written words or numbers for communication needs





Example of Visual Stages: Example of Schedules

Setting **Event**















Monday	Tuesday	Wednesday	Thursday
IEM 101 B N1 (30576)		BIOL 107 LAB D19 (30399) BS CW 102	
	CHEM 101 LEC H1 (30544) C E1 60		CHEM 101 LEC H1 (30544) C E1 60
	MATH 113 LEC K1 (31287) TL B 2		MATH 113 LEC K1 (31287) TL B 2
C 100 C A2 (31818) 12	ENGL 122 LEC A21 (38981) HC L 4	SOC 100 LEC A2 (31818) TL 12	ENGL 122 LEC A21 (38981) HC L 4
	CHEM 101 SEM L10 (30555)		





- Versions of classroom rules for different classroom activities
- Provides students with visual representation of which rules to follow
- Makes different classroom activities more predictable

Aspiranti, Bebech, Ruffo, & Skinner (2019); Skinner, Scala, Dendas, & Lentz (2007)

Green Rules

- Inside voices
- Hands and feet to self
- Follow directions

Red Rules

- Eyes on teacher
- In seat or spot
- No talking

Yellow Rules

- Inside Voices
- Hands and feel to self
- Eyes on teacher or work
- Follow Directions



A Visual Support for Cory

Setting Event

Antecedent

If.... Then... If Ms. Frank makes a statement Then I answer and pauses... out loud If Ms. Frank asks a question... Then I raise my hand



Planning for Visual Supports

- Determine activities that would benefit from a visual support
- Introduce the student to the visual cue.
- Determine a cue for initiating use of the visual support
- Determine if there are any special rules for using the visual support and/or create a task analysis for using the visual support
- Identify prompting and fading procedures that can be used to teach your learner to access and independently use the visual support
- Identify reinforcement procedure for using the visual support

Rutherford (2019); Sam & AFIRM Team (2015)





Implementation of Visual Supports



- 1. Introduce your learner to the visual support and model its use.
- 2. Use your prompting procedure to teach your learner how to use and follow the visual support.
- 3. Reinforce your learner for accessing and following the visual support.
- 4. Fade your prompts and thin your reinforcement over time so your learner can use the visual support independently.
- 5. Generalize its use across multiple settings, people, and activities.





Using Task Analysis to Teach Chained Tasks

Setting Event

Antecedent

- Evidence-based practice used to break down complex/chained behaviors into small steps
- Treats each step as discrete skill that is taught until mastered

Goal: Increase independence with complex tasks







Modeling as a Prime and Modeling as a Prompt

Setting Event

- Students must meet three pre-requisite skills to benefit from modeling:
 - Imitation
 - Sustained attention
 - Mastered some components of target skill
- Modeling as a prime demonstrates a target behavior or skill before asking the student to demonstrate it
- Modeling as prompt demonstrates a target behavior or skill to provide as-needed help to the student





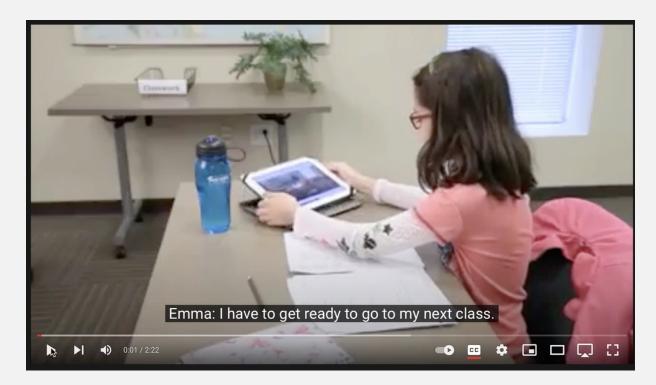
Added Benefits of Video Modeling

Setting Event

- Reduced social demands
- Consistent and repetitive
- Videos can be structured to highlight relevant environmental cues or include narration

Type	Model	Best used for
Peer Model	Peer	Imitation, academic, responding to stimuli
Self-model	Learner	Self-management, self care, play skills
Point-of-View	n/a	Specific events/settings, skills where point of view matters (e.g., tying shoes)





The IRIS Center Video Collection (2018)





A Visual Support for Cory (Let's try that again!)

If	Then	
If Ms. Frank makes a statement and pauses	Then I answer out loud	
If Ms. Frank asks a question	Then I raise my hand	



Behavior

Have a departure plan

Have a plan to safely leave a situation that may be overwhelming for your student

Remind your student to use skills they know

- Assist your student with using the skills they have already been taught and practiced
- Encourage use of replacement behaviors and remember to reinforce attempts at using these strategies

•Be mindful of how autistic traits and masking are impacting the situation

•If a student frequently masks, sensory differences, communication differences, and other autistic traits will be more difficult to hide when in crisis

Set limits

 Calmly remind your student of the rules, and if appropriate, the consequences of breaking those rules. Do not threaten.



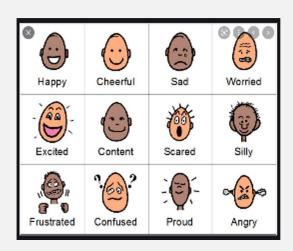


De-Escalation Strategies (continued)

Behavior

Help your student articulate their emotions

- Encourage communication in a modality that works best for them
- Consider using visuals to help the student identify their emotions and rate their own level of escalation



Ensure everyone's safety

- Unless they are engaging in self-injurious behaviors,
 keep a safe distance from your child so they feel safe
- Remove harmful objects from the area
- If necessary, remove your student from the environment and take them to a safer place.





Calming Strategies and Behavioral Expectations

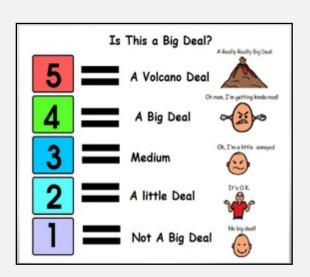
Behavior

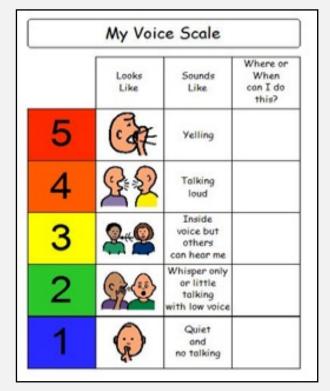
Screaming **Emergency Voice** Choose the target behavior Someone is hurt or you are in danger Outside Voice Decide on the content for each scale point Recess voice. Cheering at a game, or associated with the target behavior alling the dogs outside Develop a story or visual cue for the story, if Classroom Voice Talking voice necessary Whisper Introduce the scale to the student Soft voice / Library voice Practice the scale with the student, and revise if No Talking needed It's time to listen

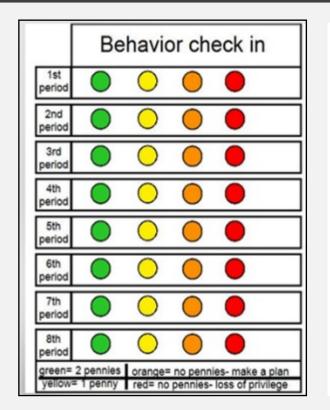


Tips for Making the Abstract More Concrete: Incredible Five-Point Scale

Behavior









Additional resources can be downloaded at: https://www.5pointscale.com/





When Cory's behavior escalates...





De-Escalation Strategies: Consequences

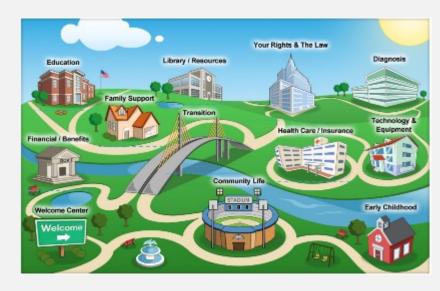
Consequence

- Use positive reinforcement
 - Find opportunities to provide positive reinforcement; clearly state why you providing feedback (e.g., I like how you are using your words to tell me you are angry)
 - Praise your student for using coping skills or for choosing an alternative response
- When your child has de-escalated, enforce consequences without creating "new" punishments
 - Enforce natural and planned consequences (e.g., if something is broken, they are responsible for cleaning it up, fixing it, using their allowance to replace)
 - Do not create new or prolonged consequences or punishments for the behavior
 - Do not create punishments that are likely not going to be enforced





- Parent Information Center of Delaware <u>www.picofdel.org</u>
 - Family SHADE https://www.familyshade.org/
 - DE Family Voices https://delawarefamilytofamily.org/
- Autism Delaware <u>www.autismdelaware.org</u>
- SWPBIS Practice Brief https://www.pbis.org/
- Center for Disabilities Studies: https://www.cds.udel.edu/
 - Roadmap to Services https://www.cds.udel.edu/roadmap-to-services/
- Delaware Network for Excellence in Autism www.delawareautismnetwork.org/





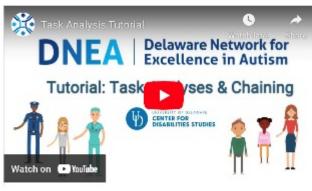
Check out DNEA Resources!

www.delawareautismnetwork.org

INTRODUCTION TO PROMPTING



TASK ANALYSIS TUTORIAL



Trauma and Youth with Autism

DNEA Resource Guide for Professionals



Adverse Childhead Experiences (ACEs) are traumand experiences in childhead, such as whitesing violence in the home, experiencing neglect, or having a lamily member with a mental illness. ACEs can have lasting effects on future physical and mental health but are often an overflooked health disparity in the subempopulation (Rigles, 2016).

Youth with subsinimary have difficulty coping with such experiences. Includinals with subsinificate of injeriests of internal pring disorders, such as anxiety and depression, and other struggle with emotional regulation skills, which help facilitate coping with direct screening (Aems et al., 2013).

Assessment of Trauma in Youth with Autism

It can be challenging to identify traumain autistic youth. For example, the emotions created by traumaimay each to challenging behaviors, which may be incorrectly and but directly surfax autism. It is important to conspile and treat traumaibet asset it can negatively impact development, behavior, mental and physical wellbeing, and a youth's sense of safety.

Identifying trauma can also be cifffed. The person has complex communication needs. Consider an autistic person's communication needs by adapting assessment materials and practices to include visual supports. Financial aperton has access to either able or augmentative communication devices they may be to communicate.

Observations and essessment data, including input from those who know the youth wall, can hala identify signs of traums. Arowing now a youth typically behaves and recognizing the onset of new behaviors may help determine weeks that inherenced in the page.

TF-CBT for Youth with Autism

Treating trauma increases the quality of life of youth with aurism and may reduce their need for additional supports and services. Trauma Fracuscy Cognitive Schooland Thorapy (TF CST) is an extended based treatment used to help of hidren and additisations recover after trauma. An autism sensitive application of TF CST can be an effective treatment for youth with aurism who have experienced trauma (Fa Let al., 2017).

It's important to exapt TT-CBT to meet the youth's incluidual needs and learning styles. For example, this may include using visual supports, such as session adherdules arrandal namatives, and increasing caregiver involvement in helping to reinfance skills outside of therapy, it is also important to allow additional time when teaching emotional stages. Be mindful of sensory differences and ways, to incorporate sensory we relieve ship to be three.

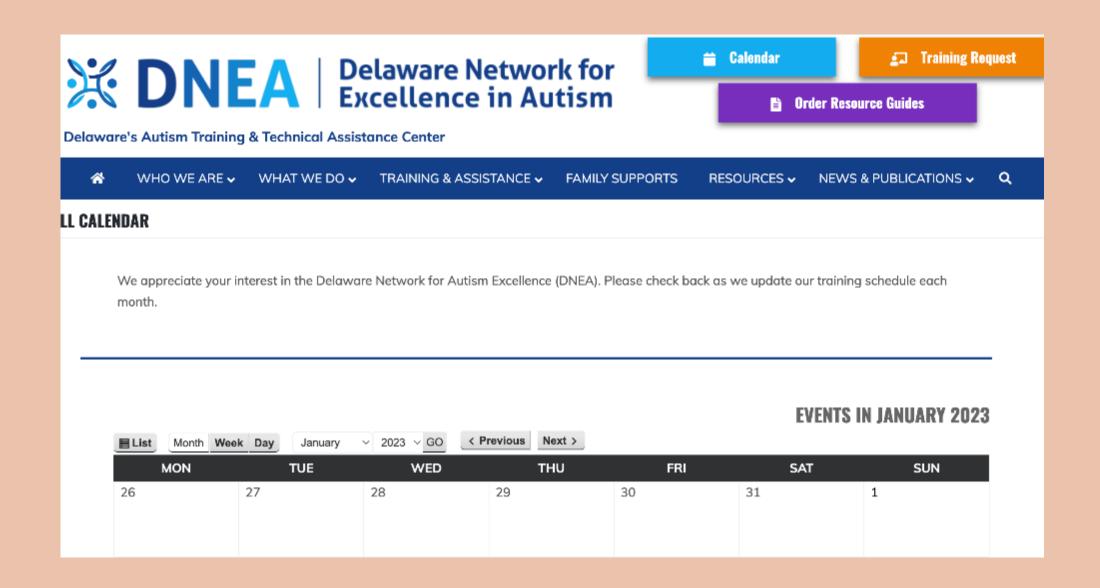
Additional resource guides at https://www.delawareautismnetwork.org/

Suggested charlon: Fieldher, A., Mallary, S., Mitchell, F., & DNEA CDS &TMD Teams. (2022). ONEA encourse guide for professionals: Frauma and youth wish curism. Deleware Network for Excellence in Autism.











Thank you!!







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