

Intensive Intervention Practices for Students with Autism and Beyond

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Presented by:



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Objectives

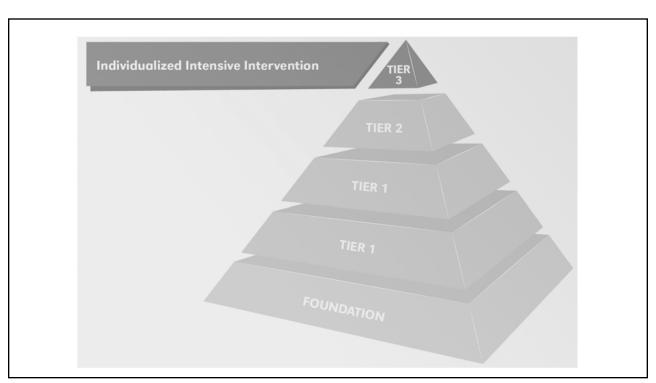
Describe several high leverage, intensive interventions for students with autism 2

Define/Understand the importance of functional communication and skill-based teaching in preventing problem behavior 3

Understand the key components of the following: Balance Program, Practical Functional Assessment/Skills based teaching 4

Describe elements of the Universal Protocol

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SO..... WHAT EXACTLY IS AUTISM SPECTRUM DISORDER?

"Autism spectrum disorder (ASD) is a developmental disability that can cause significant social, communication and behavioral challenges."

Center for Disease Control and Prevention website: http://www.cdc.gov/ncbddd/autism/facts.html

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Social Interaction HFA/AS Syndrome Active In own but world **Autism** inept Communication Spectrum Verbal Non-verbal but inept **Disorders** Restricted, Repetitive Behaviors/Interests Limited flexibility Restricted interests Stereotypical Rigid routines behaviors Response to Sensory Preferences in High Experiences response to Sensitivity anxiety

Triad of Communication

Characteristics

Repetitive Activities and Restricted Interests

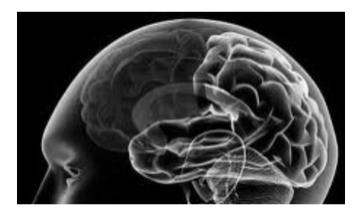
Sensory Differences



- Sensory Differences in:
- Seeing
- Hearing
- Smelling
- Tasting;
- Touching
- Body position and balance (proprioception)
- Movement (vestibular)

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Cognitive Differences



- Rote memory
- Academic levels
- Problem solving skills
- Generalization
- Executive functioning
- Special interests

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Motor Differences



- Poor handwriting skills
- Awkward gait
- Athletic skills deficits
- Unusual body postures, movements or
- Facial expressions

Emotional Vulnerability



- Difficulty identifying and understanding feelings
- Trouble reading emotional situations
- Co-morbid mental health issues
- Anxiety/depression
- Rages/aggression

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Features That Directly Impact Learning



- Attention difficulties
- Communication impairments
- · Lack of social skills understanding
- Auditory processing impairments
- Generalization of skills
- Difficulties imitating behavior
- Behavioral issues
- Trouble with task/event sequencing
- Transitions and time concepts



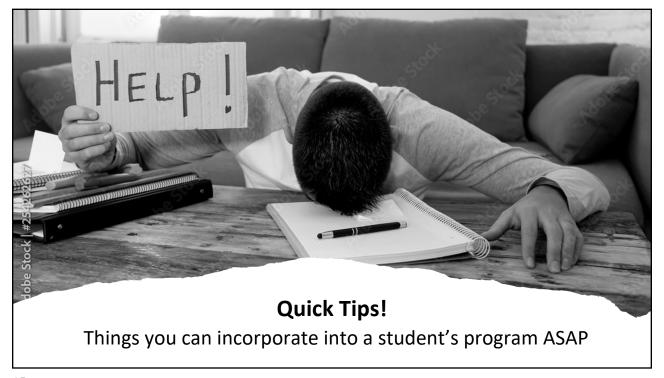
Strengths

- Strong visual performance skills
- Ability to learn and follow rules
- Focused attention related to special interests
- Rote memory
- Honesty

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Intensive Evidence Based Supports for Individuals with ASD and Beyond





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Individualize or intensify current behavior supports that are working (or have worked previously)

Structure and Visual/Tactile Supports

Create Predictability Use Visual vs Verbal Reminders

When given a direction you need to...

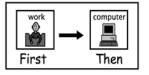
- •Say "OK"
- •Start right away
- •Do it in the right amount of time
- •Do it correctly







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Work on Relationship Building with the Student (Pairing)

Show interest in their life and activities

2

Spend time doing activities the child likes

3

Find reinforcement that the student likes

Is the task:

Consider Task Demands

- Too hard or too easy?
- Too long?
- Boring for the student?
- Lacking success / access to reinforcement?

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Teaching in a manner that minimizes the possibility of errors by ensuring that the student is successful.

Errorless Teaching

Errorless Learning Reduces:

- The number of errors
- The risk that errors will be repeated in future trials
- Frustration and increases opportunities for reinforcement by ensuring success

80:20 Rule

80% of the tasks that we work on with students should be MASTERED / EASY tasks

20% of the tasks that we work on with students should be NEW TARGET / MORE DIFFICULT tasks

80% positive comments and 20% corrective/redirection comments (4:1 ratio)

 This keeps it <u>successful and positive!</u> The student gets regular access to reinforcement!

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Prime for Upcoming Events

Priming is a strategy where adults help students know of what is coming up ahead of time.

Priming can be used for

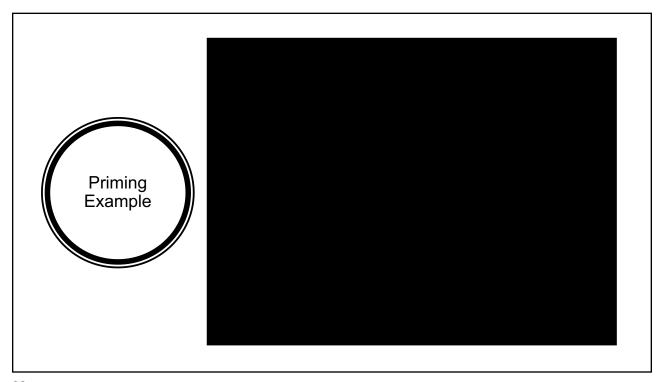
Academics

Daily schedule

Substitutes

Behavioral expectations

Social situations



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Effective
Teaching
Strategies for
Students with
Autism need
to address
MOTIVATION

Motivation and ASD

Although individuals with Asperger Syndrome and autism appear to have low motivation, the truth is that they often have a different type of motivation (Baker, 2000; Dunlap, 1995).

Until staff and parents find out what the motivator is, it is difficult to prompt the individual to complete work and related tasks.

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Reinforcement

90% of the Effectiveness of a Program is REINFORCEMENT!

No Reinforcer – No Lesson!

Differential Reinforcement

More high-quality reinforcement helps us

Bring the Joy!

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Choosing the right reinforcers

- That the student always seems to want
- That are socially acceptable
- That can be delivered on multiple occasions
- For which access is easy to control
- That are consumable at first, if possible
- That are quick and easy to deliver ***Consider your involvement in the reinforcement interval... how do you make it better?



I am working for

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Reinforcer Menu

Things to
Consider
when it
"Just Isn't
Going
Right"



Things to Consider when it "Just Isn't Going Right"
This is not an exhaustive list of all considerations, but rather a tool for teams to use
when beginning to problem solve.

- □ Does the student have a way to communicate wants and needs in all environments?
- Does the student have a way to quickly request a break and is that request being honored?
- ☐ Are preferred activities and breaks built into the schedule?
- ☐ Are you indicating changes on the student's schedule and discussing changes before they occur?
 ☐ Do you have a plan in place to teach the student independent use of their schedule?
- ☐ Is an overall classroom schedule posted to guide staff and help them work more efficiently?
- ☐ Are classroom routines predictable? If not, how can you make them more predictable?
- ☐ Is a reinforcement system being taught, visually represented, and used consistently?☐ Do we know what motivates the student or has this motivation changed? If you are unsure,
- Do we know what motivates the student or has this motivation changed? If you are unsu complete a motivation/preference assessment.
- ☐ Is all work modified at the student's level?
- Who is responsible for modifying the student's work and pre-teaching activities when needed?
- ☐ Are staff members trained in how to use accommodations and modifications as listed in their IEP?☐ Are students being taught how to use visual supports and other accommodations?
- ☐ Are the supports needed for instruction immediately available to the student when needed?
- ☐ Are folders or visual work systems used to show what work and how much work needs to be done?☐ Are new topics, games, and routines pre-taught?
- ☐ Are rules positively stated (what TO do, rather than what NOT to do) and posted where all students
- ☐ Are rules reviewed and modeled for students on a regular basis?
- Are there designated quiet places accessible to the student? These should include spots where the student can go when they need a quiet place to work or a place to "chill out" before escalating into more severe problem behaviors.
- ☐ Has a functional behavior assessment (FBA) been completed to better understand reoccurring behaviors? If so, has a behavior intervention plan (BIP) been created to address the behavior(s)?
- Are power struggles undermining your ultimate goals? If you find yourself in a standoff, reconsider your approach. What do you ultimately want to accomplish during this activity?
- ☐ Are social narratives being written and reviewed regularly? Are they sent home so the parent(s) can also read them with the student?
- Are social skills being directly taught and practiced? Are they also being taught in "real life".

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What to do about Emerging Problem Behaviors?

Teach Skills!!
To Student and
Staff

Teach Critical Skills

How to Teach Critical Language and Learning Skills through Direct Instruction (Verbal Behavior Training)

This training teaches teams what to teach and how to teach individuals with autism who need basic language and learning skills. Additionally, this process:

- Uses "effective teaching methods" that make learning more fun for the student as well as enabling the student to learn more efficiently
- Effective teaching reduces or naturally eliminates most problem behaviors in most students in both general education and special education environments
- Teaches the skills necessary to be successful in the general education class & real-life settings



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Program Overview:

- A proactive approach for young children who demonstrate emerging problem behavior
- Teaches critical communication and coping skills before severe problem behavior has had a chance to become routine
- Gain a balance between child led and adult led activities
- Flexible and responsive to the student's individualized needs

*** Can be implemented in the home or school setting

Balance Program

Steps of Balance

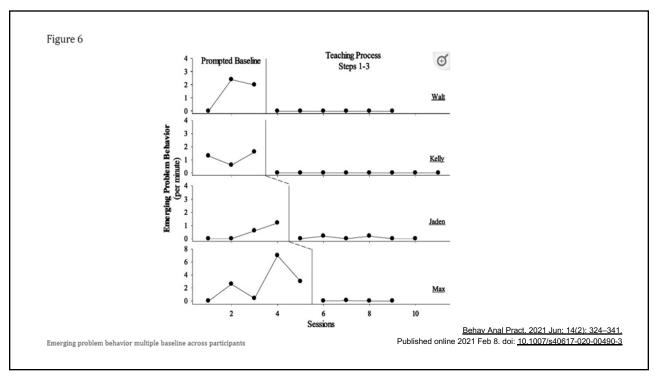
Child-led time:

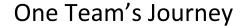
- · Strengthens the trust in the Adult/Child relationship
- Allows the child some control of their experiences via functional communication
- Teaches children that problem behavior is unnecessary

Finding the Balance:

- · Creates balance between child-led and adult-led interactions
- Allows for some shared control of the daily activities and interactions
- Prepares the child for inevitable daily disappointments. Provide the child with hope...that good things follow expected behavior
- Develops and refines the life skills repertoires of play, communication, toleration, cooperation, and persistence

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Practical Functional Assessment and Skills Based Treatment Training (PFA/SBT)

The practical functional assessment and skill-based treatment process, which prioritizes safety and social acceptability, has proven to be a highly effective and generally applicable approach to treating severe problem behavior.

Based on Today's Applied Behavior Analysis –
 "Freedom from Problem Behavior is possible with today's ABA"

Teaching through Joy- Happy, Relaxed, and Engaged



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What is PFA and SBT

Practical functional assessment and skill-based treatment is an intervention for individuals who routinely engage in severe problem behavior that focuses on teaching students **communication**, **tolerance**, and **cooperation** while prioritizing **safety**, **dignity**, **rapport**, and **peaceful progress** for the individual.



Guiding Principles of Today's ABA

The correct response to problem behavior is the one that is the:

- Safest
- Most televisable
- Is likely to lead better rapport
- Leads to Progress in Skills Based Teaching

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PFA/SBT meets the criteria of EBP by the American Psychological Association

Aim of a PFA

- Not to identify the function of a problem behavior
- Aims are to
 - Bring the joy
 - Reliably turn on a response (behavior)
 - Quickly turn off the response (behavior)

Everyone needs to see that we can turn off behavior. This empowers everyone to feel safe!



Functional Communicaiton
Response (FCR)Prompted
Finger point to chest

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School Staff Testimonials



For More Information on PFA/SBT



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A tool for teams in Crisis...

The Universal Protocol

Are you feeling a little like this...

- Encountering severe problem behavior on a regular basis
 - o daily or multiple times per week
- Walking on "eggshells" to avoid major meltdowns
- Reacting to severe problem behavior instead of teaching
- Feel like the situation is "on fire"
- Nothing you have tried has worked
- Staff members are getting hurt or showing signs of emotional distress



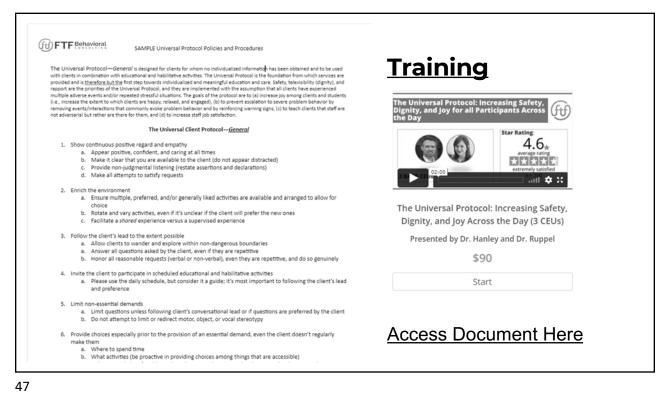
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The Universal Protocol

The goals of the protocol are to:

- increase joy among clients and students (i.e., increase the extent to which clients are happy, relaxed, and engaged)
- to prevent escalation to severe problem behavior by removing events/interactions that commonly evoke problem behavior and by reinforcing warning signs
- to teach clients that staff are not adversarial but rather are there for them
- to increase staff job satisfaction

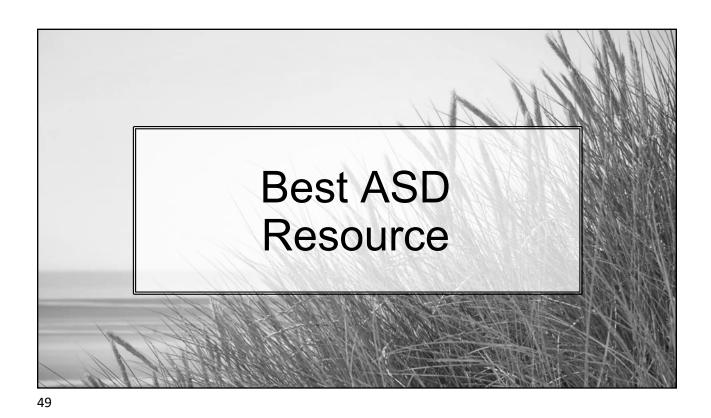


For More Information

- Verbal Behavior (Teaching Critical Language and Learning Skills)
- Balance
- PFA/SBT
- Universal Protocols

For more information, please contact your Regional ASD Coordinator and/or Behavior Specialist to discuss the best option for your team/student.

ASD Network Coordinator/Behavior Specialist Information





OUR TEAM

(ASD Behavior Specialists)



Sarah Haahr

Behavior Specialist



Ali Sweitzer

Behavior Specialist



Stephanie Johnson

Behavior Specialist



Kara Coble

Behavior Specialist



Meggin Funk

Behavior Specialist



Ashley Bauer

ASD Network Behavior

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REGIONAL ASD TRAINING/SUPPORT

Regional Consultative services upon request to school teams regarding:

- Assessment/Identification Process
- IFSP and IEP development
- Program Planning/Selecting interventions
- Ongoing consultation regarding effective intervention strategies
- Training
- Behavior Consultation to Schools (referred by ASD Coordinator)

Regional ASD Trainings

Follow up Support following trainings

Mentorship and Guidance for District Coaches and Regional Team Members

Regional Libraries and Regional Workshops provide information and technical assistance

ASD Webinars www.unl.edu/asdnetwork/webinars

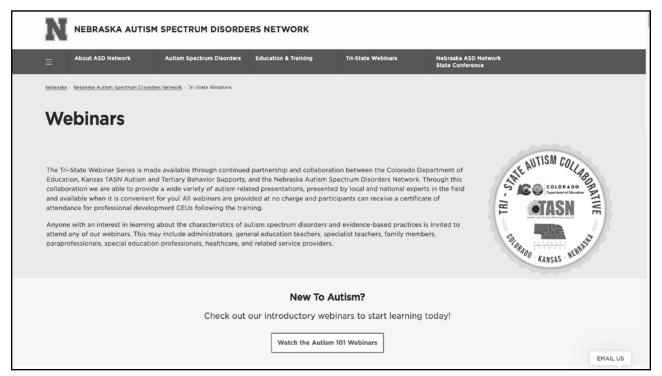


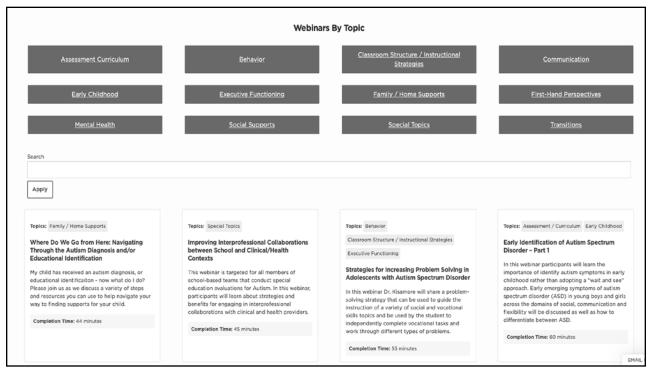
The Tri-State Webinar Series is made available through continued partnership and collaboration between the Colorado Department of Education, Kansas TASN Autism and Tertiary Behavior Supports, and the Nebraska Autism Spectrum Disorders Network.

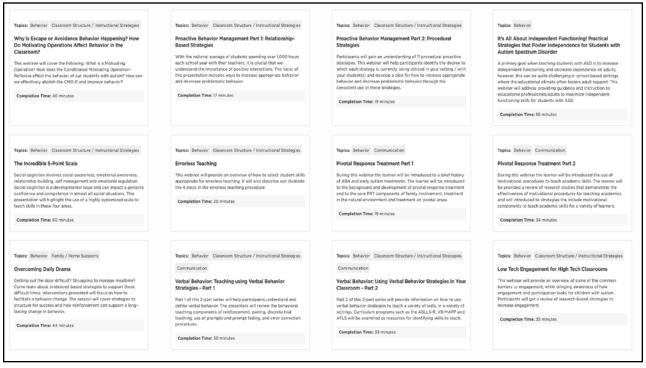
Through this collaboration we provide a wide variety of autism related presentations, presented by local and national experts in the field and available when it is convenient for you! All webinars are provided at no charge and participants can receive a certificate of attendance for professional development CEUs following the training.

Anyone with an interest in learning about the characteristics of autism spectrum disorders and evidence-based practices is invited to attend any of our webinars. This may include administrators, general education teachers, specialist teachers, family members, paraprofessionals, special education professionals, healthcare, and related service providers.

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Take Home Points

Intensive, individualized supports for students with autism and beyond can take time, training, and administrative and team buy in. However,

"Freedom from Problem Behavior is possible with today's ABA".

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Resources

- 1. Things to Consider when it "Just Isn't Going Right" Problem Solving Questions
- 2. Autism FAQ's for Administrators
- 3. Evidence Based Practices and Autism 2020 Report
- 4. ASD Network Website
 - a) Webinar Page
 - b) ASD Network Regional Coordinator/Behavior Specialist Information
- 5. Supporting Behavior Resources NDE

Citations

Balance Program -

Ruppel, K. W., Hanley, G. P., Landa, R. K., & Rajaraman, A. (2021). An Evaluation of "Balance": a Home-Based, Parent-Implemented Program Addressing Emerging Problem Behavior. *Behavior Analysis in Practice*, 14(2), 324-341.

PFA/SBT

Ghaemmaghami, M., Hanley, G. P., & Jessel, J. (2021). Functional communication training: From efficacy to effectiveness. *Journal of Applied Behavior Analysis*, *54*(1), 122-143.

Rajaraman, A., Hanley, G. P., Gover, H. C., Staubitz, J. L., Staubitz, J. E., Simcoe, K. M., & Metras, R. (2021). Minimizing Escalation by Treating Dangerous Problem Behavior Within an Enhanced Choice Model. Behavior Analysis in Practice, 1-24.

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Steinbrenner, J. R., Hume, K., Odom, S. L., Morin, K. L., Nowell, S. W., Tomaszewski, B., Szendrey, S., McIntyre, N. S., Yücesoy-Özkan, S., & Savage, M. N. (2020). Evidence-based practices for children, youth, and young adults with Autism. The Universit

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WE WANT YOUR FEEDBACK!

Scan the QR code to complete a brief evaluation after each session throughout the summit.

