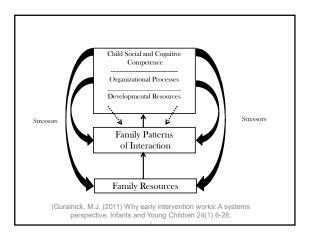




Outcomes 1. Increase understanding of what Family-based coaching is and the evidence elements supporting the use of this practice 2. Identify strategies to support parent use of Applied Behavior Analysis strategies within their everyday routines. 3. Increase awareness of the Autism Navigator as a resource to support coaching for families with children on the autism spectrum



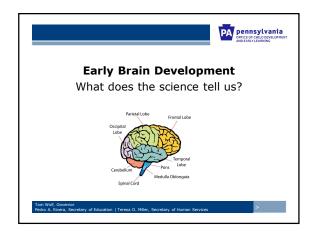




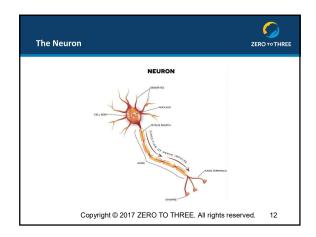


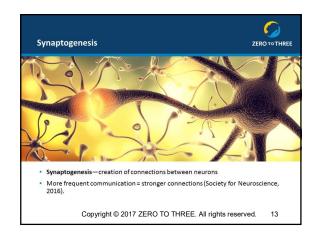










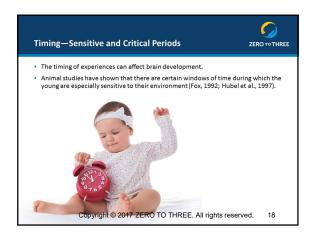


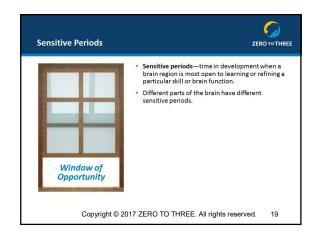


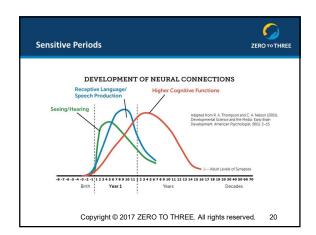


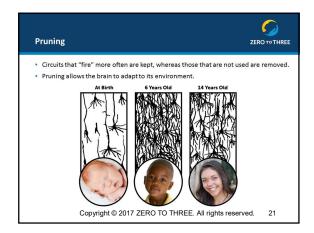
Experience-Expectant Neuroplasticity • Connections form based on exposure to experiences that most people would have in their environment. • Connections made ONLY if the person is exposed to the experience. • The brain is expecting these types of experiences (National Research Council & Institute of Medicine, 2000). • For example, the ability to develop the part of our brain that processes vision depends on taking in light through our eyes. Copyright © 2017 ZERO TO THREE. All rights reserved.

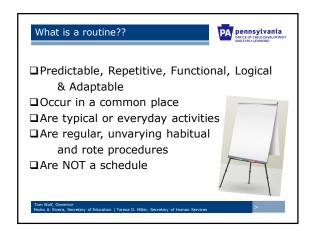




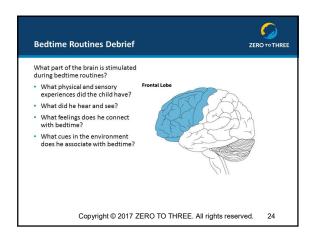


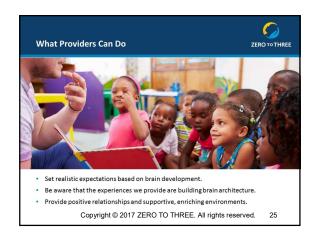
























Competence and confidence

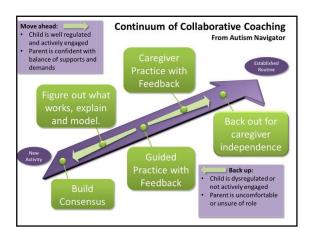


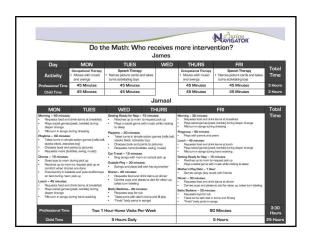
The experiences afforded a parent to strengthen existing and build new parenting capacity must also influence or change a parent's sense of confidence and competence if the parent is to sustain engagement in parenting behavior

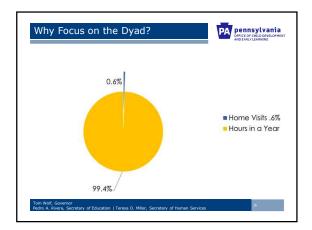
- A sense of competence refers to the (self-efficacy) belief that one's behavior will have the expected effect or outcome
- A sense of confidence refers to the (self-efficacy) belief that one has the capacity to perform a task competently

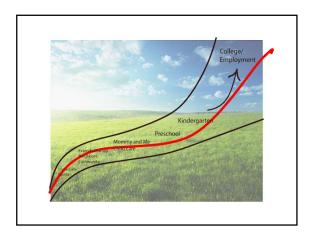
Carol Trivette's training in PA, 2014

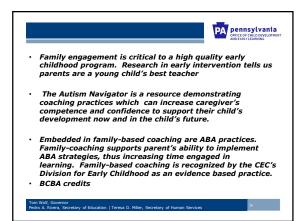
Pedro A. Rivera, Secretary of Education | Teresa D. Miller, Secretary of Human Services



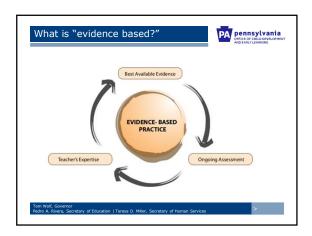


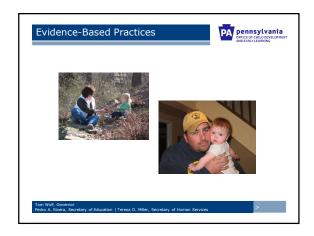




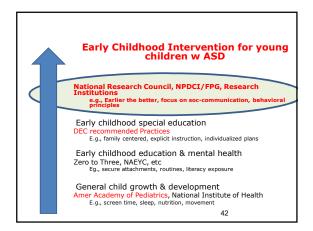


Coaching Coaching over time Brandon from 32 months to 38 months Tom Wolf, Governor Page 3. Nover, Secretary of Education | Teresa D. Miler, Secretary of Human Services









Process Used to Identify EBP Identified outcomes related to the core features of autism Reviewed literature related to these outcomes as well as the key words autism, ASD, and autism spectrum, limited by age (birth – 21) Identified and grouped teaching interventions that addressed these outcomes/domains Determined criteria and whether an evidence base supported the practices Tom Wolf, Governor Moles A. Rivers, Scientary of Education | Teresa D. Miller, Scientary of Human Services

Statistical technique for combining the findings from independent studies

Used to assess the clinical effectiveness of interventions by combining date from research trials

Provides a precise estimate of treatment effect-weighing the size of study results

Validity of MA depends on the quality of the systematic review on which it is based

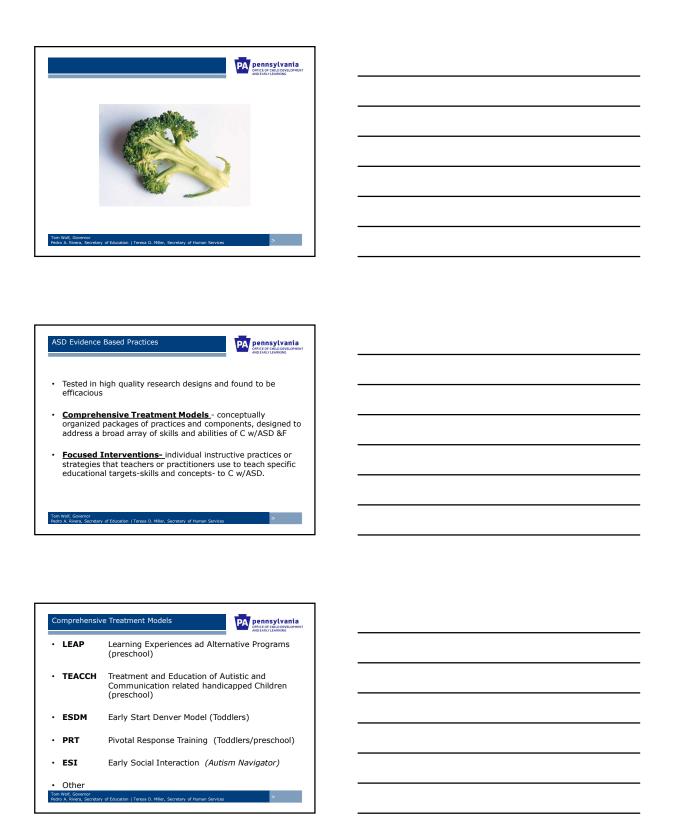
The study of methods that influence the integration of evidence-based interventions into practice settings. (a) what kinds of interventions are most efficacious (and for whom) (b) what variables moderate and mediate treatment gains and improved outcomes (c) the degree of both short-term and long-term improvements that can reasonably be expected.

PA pennsylvania OFFICE OF CHILD DEVELOPMENT AND EARLY LEARNING Fidelity · An Evidence Based Practice is implemented

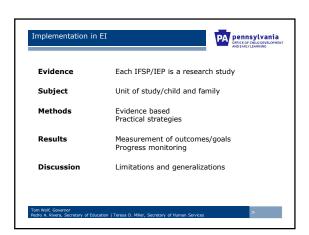
- Treatment Integrity- degree to which you are correctly implementing the practice
 - How long should you continue the baseline and treatment phases?
 - Is the team including parents able to accurately implement the treatment?
 - What environmental variables influence the effectiveness?
 - Determination of whether the treatment is effective?







Not possible to determine which elements of the package are responsible for progress Branding- need a well written manual specifying the content(curricula) and teaching process to be used Branding-increase expense Geography-usually done in lab settings limiting availability to specific communities Culture- majority of studies do not include diverse participant groups | Total Wolf, Governor | Total Wolf, Gov





Behavior Based Interventions PA pennsylvania OFFICE OF CHILD DEVELOPMENT AND EARLY LEARNING In early intervention, the emphasis is on ${\it Behavioral}$ Practices in natural environments – not on packages of We build in reinforcement, prompting, modeling, etc. while coaching families to support their child's engagement Remember, Evidence Based Practices are not something that only BCBAs or specialists in ABA do. When identifying strategies, it is critical to know why we apply a specific strategy for a particular child when working PA pennsylvania Antecedent-based Interventions · Functional Behavioral Analysis Modeling Naturalistic intervention · Parent -mediated Implemented Intervention Pivotal Response Training Prompting Reinforcement · Social Skills Training · Video Modeling (Odom, Cox, Shaw, Kucharczyk, 2014, Evidence-Based Early identification and intervention for Infants and Toddlers with ASD and Their Families, CEC Conference presentation) PA pennsylvania Common Program Elements Model Programs for Young Children with Earlier is better Curriculum emphasizes skill development in ASD core deficit areas Planned, repeated teaching opportunities w/ Generalization Individualized goals and outcomes . On-going monitoring and program improvement **Predictability and Routines** • Functional Approach to Problem Behaviors Planning for Transitions Family Involvement Sufficiency of support for adults Intensive Intervention/Active Engagement time @ 25 hours/week





Behavior based practices - implemented in a variety of ways Fidelity of implementation Intentional teaching is required Learning activities must be motivating Learning in the natural environment is important Bottom line- EIs need to have the knowledge and ability to implement the critical ingredients of effective intervention for each child and family Tom Wolf, Covernor Teeto A. Borrs, Screeday of Education | Teress D. Miler, Screeday of Human Services

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 An EBP is implemented 	
Treatment Integrity- dec correctly implementing t	gree to which you are the practice
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 How long should you cor treatment phases? 	tinue the baseline and
Is the team including pailing implement the treatment	
 What environmental vari effectiveness? 	ables influence the
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Tom Wolf, Governor	
Pedro A. Rivera, Secretary of Education Teresa D. Miller, Secretary	ary of Human Services