

Presenter

Kristen Paul
Director of Early Childhood Programs

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Our Mission

Our mission is to empower families as advocates and partners in improving education and health outcomes for ALL children with disabilities and special healthcare needs.



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Who is PPMD?

- Maryland's Special Education and Health Information Center
- Established in 1990
- Governed by parents
- Our team is fully made up of parents and family members of children with disabilities and special healthcare needs



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Our Services

- One-on-one assistance to families
- Resource sharing
- Topical trainings
- Leadership trainings
- Military outreach





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We help families...

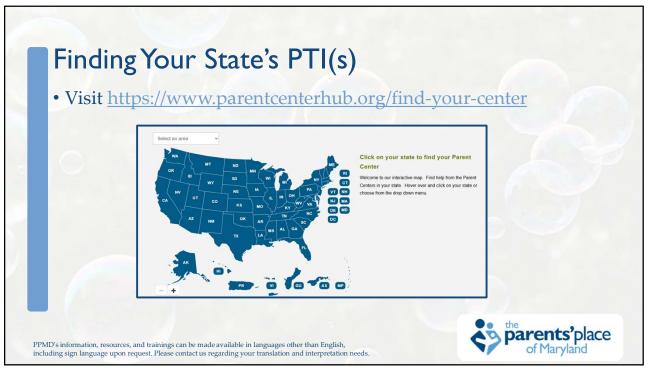
- Better understand their children's disabilities, education, and healthcare needs
- Communicate more effectively with school and health teams
- Understand their rights and responsibilities under special education law
- Understand their rights and benefits in healthcare systems
- · Obtain services for their children
- Resolve disagreements with the school or other agencies
- · Connect with other community resources



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Objectives

- Increase knowledge of ASD
- Increase understanding of sensory processing challenges and how to support a child experiencing them
- Learn about resources to support children, families, and practitioners

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Autism Spectrum Disorder (ASD)

- In the US, about 1 in 31 children (3.2%) are estimated to have ASD*
 - Range: 9.7 per 1,000 TX, 53.1 per 1,000 CA
- 3.4x more common in boys
- Can be diagnosed by age 2
- Average age of diagnosis: 5 (5.6 for girls)



*ADDM Surveillance Year: 2022

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Traditional ASD Model

Autism Spectrum Disorder

Severe Autism High-Functioning Autism Aspergers Syndrome

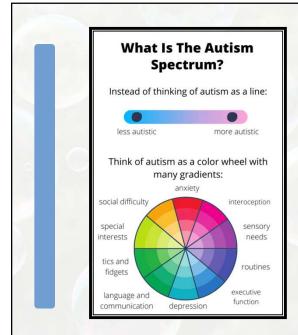
• Level 1: Requires support

- Difficulty with social cues & nonverbal communication
- May struggle with transitions & lack of routine
- May focus intensely on specific interests & activities
- Level 2: Requires substantial support
 - Limited verbal skills, difficulty reading social cues
 - Strong preference for routine
 - May exhibit repetitive patterns of behavior that can disrupt routines & social interactions
- Level 3: Requires very substantial support
 - Nonverbal or limited communication
 - Extreme difficulty with transitions
 - · Struggle with daily activities

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- No two people experience autism the same way
- On any given day, a person's "wheel" may look different

"If you've met a person with autism, you've met <u>a</u> person with autism"



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Potential Signs of ASD

- Challenges in social communication and interaction
- Restricted or repetitive behaviors or interests
- Other characteristics





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Examples of Social Communication Challenges

- Avoids or does not maintain eye contact
- Does not respond to name (9 mo)
- Does not show facial expressions like happy, sad, angry, and surprised (9 mo)
- Does not play simple interactive games like pat-a-cake (12 mo)

- Uses few or no gestures (12 mo)
- Does not share interests with others (15 mo)
- Does not point to show you something interesting (18 mo)



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Examples of Restricted or Repetitive Behaviors

- Lines up toys or other objects and gets upset when order is changed
- Repeats words or phrases over and over (echolalia)
- Plays with toys the same way every time
- Is focused on parts of objects (for example, wheels)
- Gets upset by minor changes

- Has obsessive interests
- Must follow certain routines
- Flaps hands, rocks body, or spins self in circles
- Has unusual reactions to the way things sound, smell, taste, look, or feel



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Other Possible Characteristics

- Delayed language, movement, cognitive, and/or learning skills
- Hyperactive, impulsive, and/or inattentive behavior
- Epilepsy or seizure disorder
- Unusual eating and sleeping habits

- Gastrointestinal issues (for example, constipation)
- Unusual mood or emotional reactions
- Anxiety, stress, or excessive worry
- Lack of fear or more fear than expected



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ASD and Sensory Processing Challenges

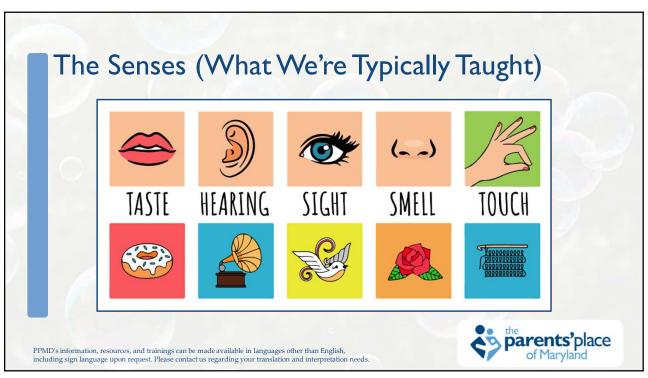
- Between 69 and 95 percent of children with autism also experience sensory processing difficulties.
- Occurs frequently enough for it to be included as part of the diagnostic criteria in the DSM-5

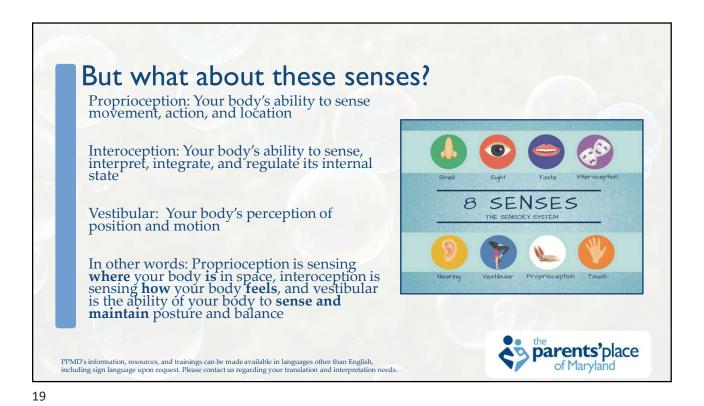


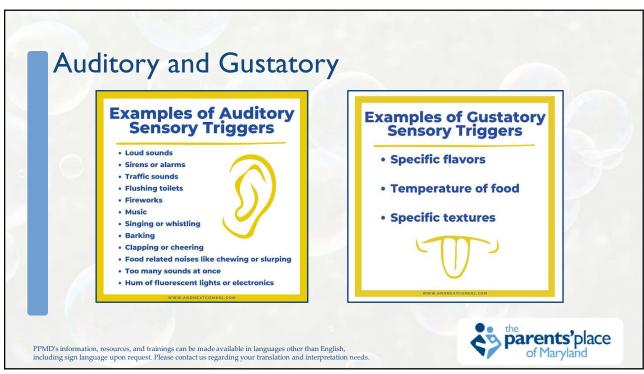
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Auditory Tools: Noise Meters

Helps children (and adults) use an appropriate volume when speaking

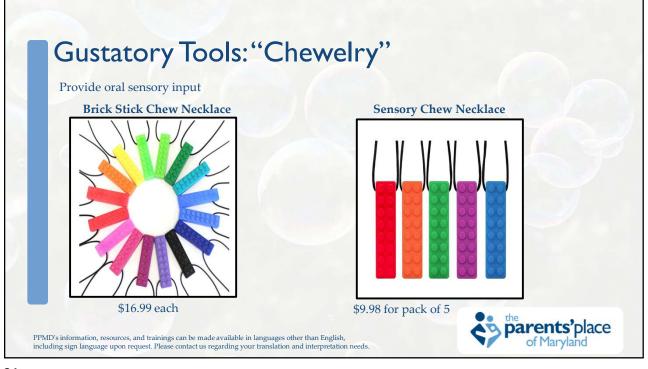
Voice Meter Pro (App)

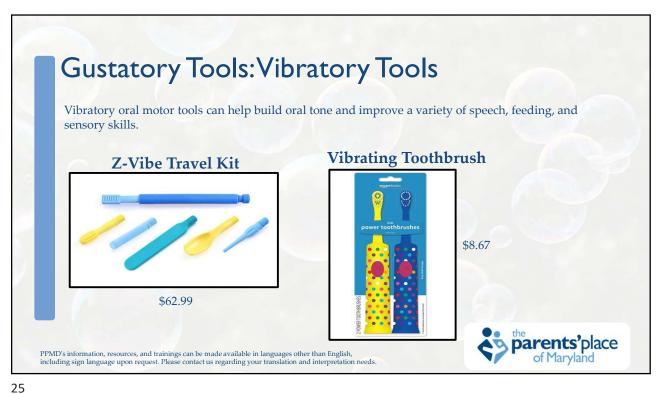
Pool Noodle Phone

App is \$4.99; requires having a smart device such as an iPad or iPhone.

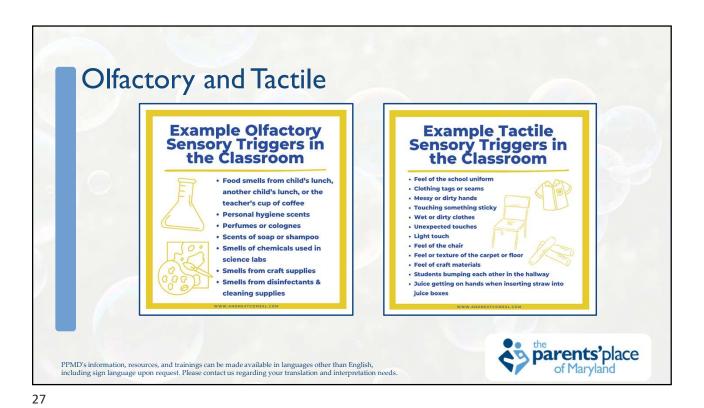
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Scratch-n-Sniff stickers engage multiple senses: Use your nose to smell, eyes to observe the design, ears to hear the rubbing sound, and your finger to feel the rough texture of the sticker.

Scented bubbles also engage multiple senses – sight, smell and touch – while encouraging the development of oral motor skills.





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Tactile Tools: Sensory Bins/Table

Container filled with materials chosen to stimulate the senses, allowing the child to explore and interact with the items as they choose. Sensory play is a great way to expose your child to a variety of textures, facilitate communication, and actively engage with your child.

See Through Sensory Table



Sensory Table



DIY Sensory Bins



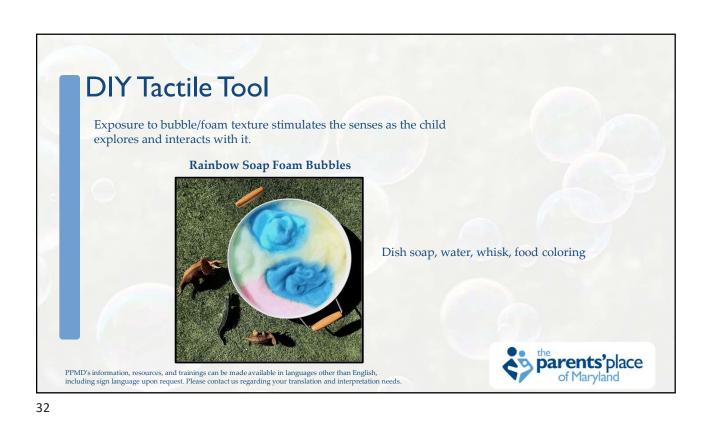


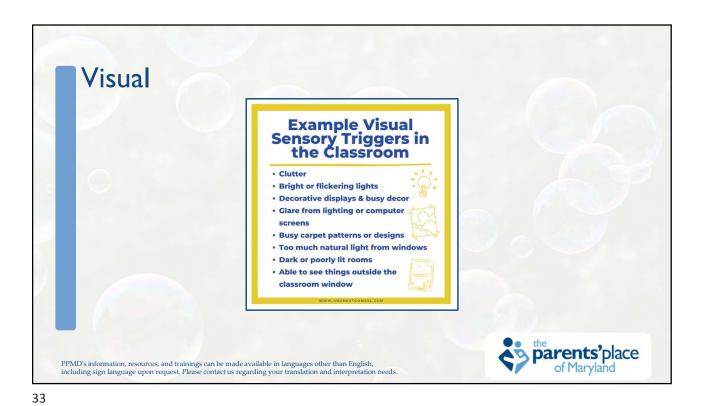
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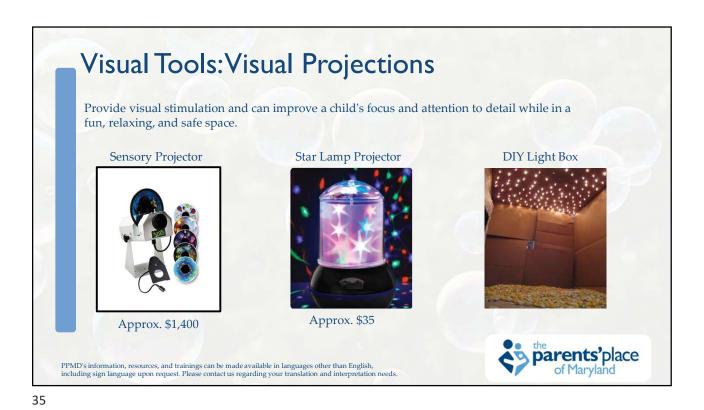
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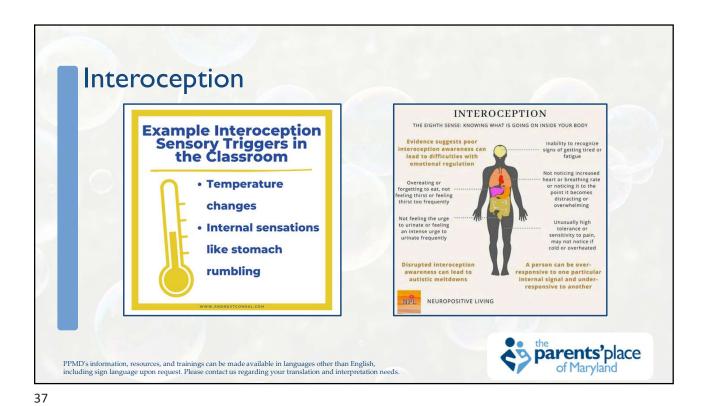




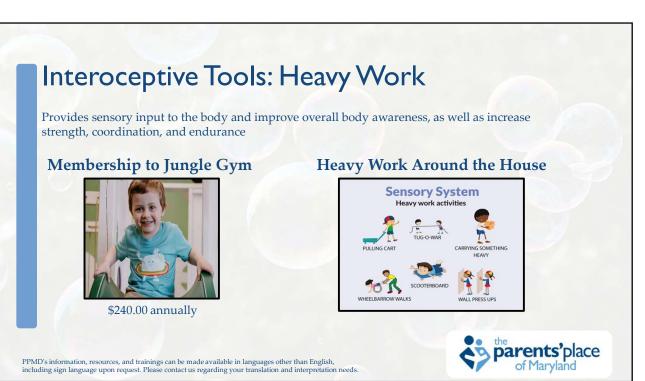
Visual Tools: Sensory Mediums Sensory tubes/bottles are filled with objects and liquids to create an engaging visual, auditory and tactile sensory experience. **Bubble Tube** Lava Lamp **Sensory Bottle** Fill an empty bottle with water, coloring, beads, glitter (etc.) You could also add cooking oil or other liquids parents'place of Maryland Approx. \$1,200 Approx. \$35 PPMD's information, resources, and trainings can be made available in languages other than English, including sign language upon request. Please contact us regarding your translation and interpretation needs.



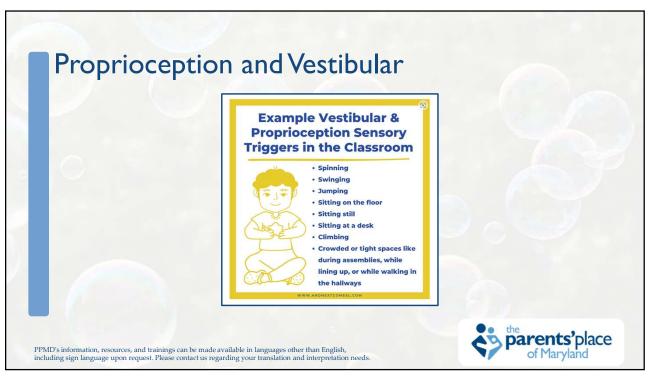


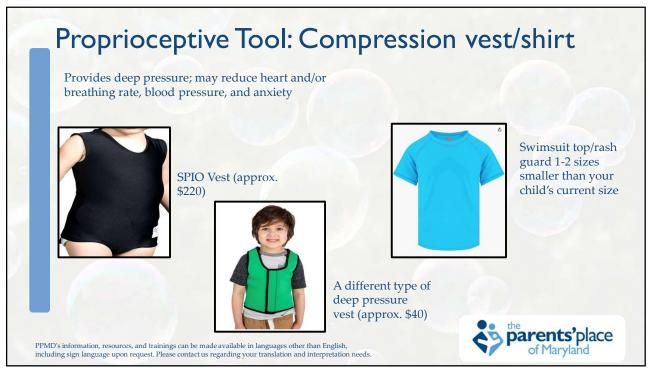






Interoceptive Tools: Books inte Say what's OKAY LISTEN TO OUR BODIES Attention Building: Sensory books can captivate a child's attention. Multi-Sense Stimulation: With the visual, tactile, auditory and kinesthetic inputs, a child gets to work various skills at a time. \$6.67 \$12.60 Sitting Tolerance: With enhanced attention, a child using a sensory book is more liable to sit for longer durations \$8.99 PPMD's information, resources, and tra han English. including sign language upon request. Pl







Provide visual and tactile feedback and the "buoyancy" of water without the mess. They offer the opportunity to jump, roll, crawl, balance, and burrow. When two children are working on an activity in the ball pit together, they can also encourage cooperative play and social skills.

Ball Pit (approx. \$1400)



Kiddie Pool with Cut up Pool Noodles (Materials: Pool noodles, pool)



This could also be done in an empty bathtub or smaller container



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Proprioceptive Tool: Weighted shoulder/lap pad

Weighted shoulder/lap pads provide pressure that may help with focus and self-regulation



Approx. \$48



Something as simple as socks filled with dry rice can be used!

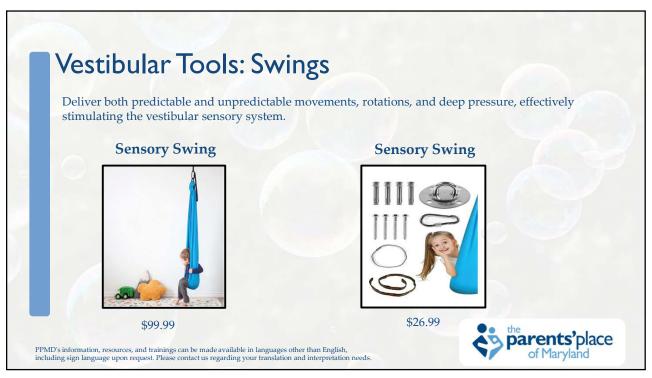


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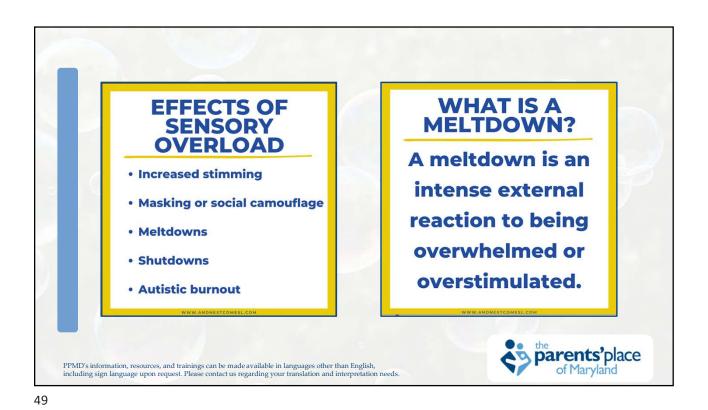


Vestibular Tools: Bouncy Balls They help develop balancing skills and enhance sensory stimulation and gross motor skills. **Exercise Ball** Maxafe Gymnastik Ball \$9.99 \$54.00 parents'place of Maryland

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WHAT IS Seeing an increase **MASKING?** in stimming isn't necessarily a bad Masking is a social survival thing. In fact, it can be strategy where an autistic a good sign that your person tries to hide their stims or autistic behaviors. child is actively trying They perform or engage in to self-regulate and more socially accepted manage the sensory behaviors as a way to information that blend in and to avoid they're receiving. bullying and social stigma. parents'place PPMD's information, resources, and trainings can be made available in languages other than English, including sign language upon request. Please contact us regarding your translation and interpretation needs. of Maryland

WHAT IS A SHUTDOWN?

A shutdown is an internalized reaction to sensory overload where an individual takes a mental break by dissociating from an event or environment.

WHAT IS AUTISTIC BURNOUT?

Autistic burnout occurs when an individual experiences constant sensory overload or stress and/or masks for long periods of time. They're unable to cope with day to day life and experience more frequent and intense meltdowns and shutdowns as a result.

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Supporting a child with sensory overload before it happens

- Know the child's sensory triggers
- Plan ahead and prepare the child (when possible)
- Work with an OT to discuss the child's needs and create a sensory diet
- Be aware of the signs of sensory overload
- Help the child develop and practice coping strategies when they are regulated
- · Create a sensory or calm-down kit
- Identify safe spaces

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Supporting a child with sensory overload while it's happening

- Remain calm
- Try to minimize sensory input
- Take a break/shorten the experience
- Immediately reduce demands and limit communication
- Protect them from danger or injury
- Give them time to regulate and calm down

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Supporting a child with sensory overload <u>after</u> it's happened

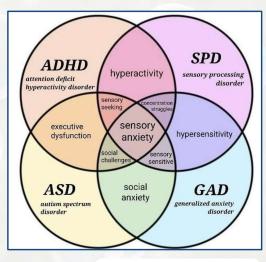
- Provide extra downtime
- Talk with the child about it (when possible)
- Praise their efforts

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Co-Occurring Conditions

- Anxiety
- Attention Deficit Hyperactivity Disorder (ADHD)
- Autism Spectrum Disorder (ASD)
- Bipolar Disorder (BPD)
- Depression
- Developmental Delays
- Learning Disabilities



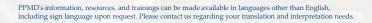


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We Know

- 1 in 4 children aged 0-5 years are at moderate to high risk for developmental, behavioral, or social delay
- Most parents note concerns around 18 months, yet average age of ASD diagnosis is age 5
- More than half of children with delays miss the opportunities provided by early intervention services
- Developmental disabilities are more common among children from low-income households





We Also Know:

- Parents who have an understanding of child development and developmentally appropriate behaviors:
 - Raise children who are more likely to be successful in adulthood
 - Are more likely to notice behaviors that could result in their children being identified for services

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CDC's Learn the Signs. Act Early. PPMD's information, resources, and trainings can be made available in languages other than English, including sign language upon request. Please contact us regarding your translation and interpretation needs.

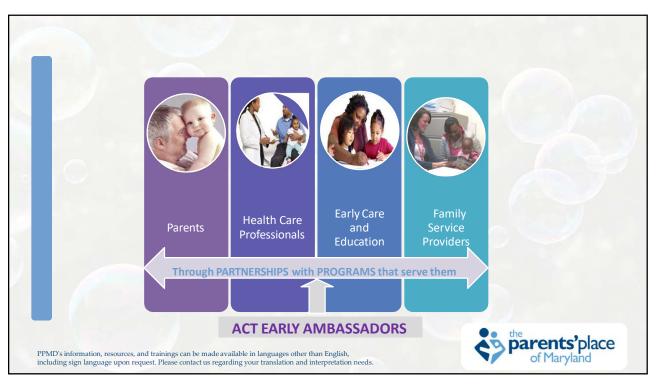
What is the CDC's LTSAE Program?

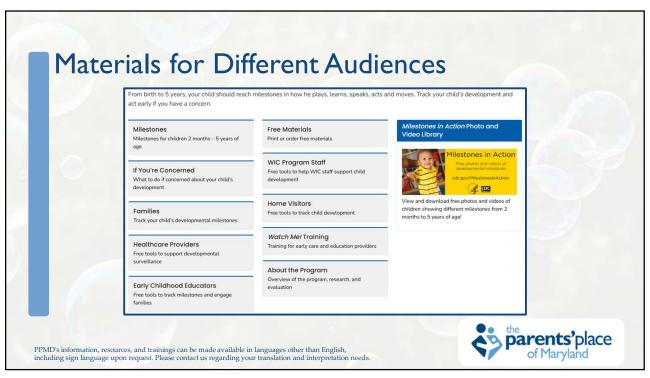
- CDC initiative that aims to improve early identification of developmental delays and disabilities by facilitating <u>parent-engaged developmental monitoring</u> and promoting developmental screening so children and their families can get the early services and support they need.
 - Learn the signs (of typical development)
 - Act early (on concerns)

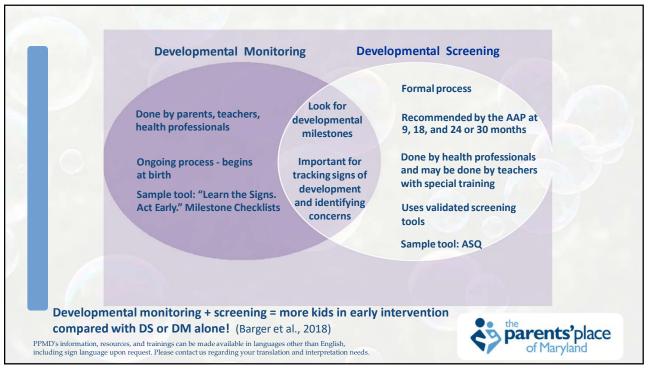
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The LTSAE Approach

- Friendly and positive
- Celebrating development as important as acting on concerns
- Parent-focused
- Many of the materials are available in multiple languages





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Milestone Checklists

- By the age listed on the milestone checklists, **75% 90%** of all children at that age should be hitting all of the listed developmental milestones.
 - 2, 4, 6, 15, 18, and 30 months
 - 1, 2, 3, 4, and 5 years
- Checklists address four domains of development
 - Social
 - Language
 - Cognitive
 - Movement



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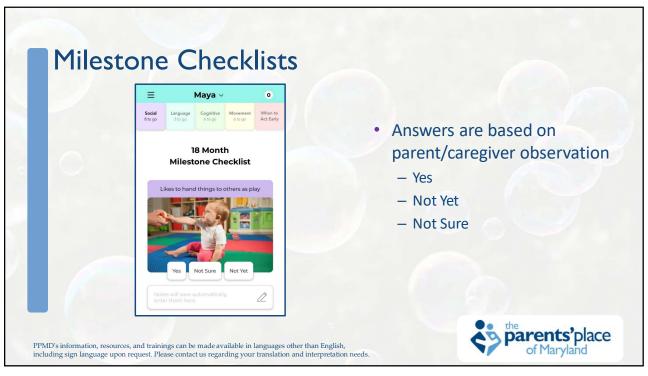


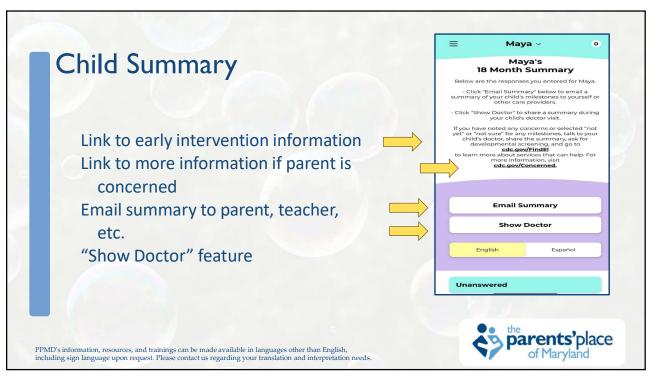




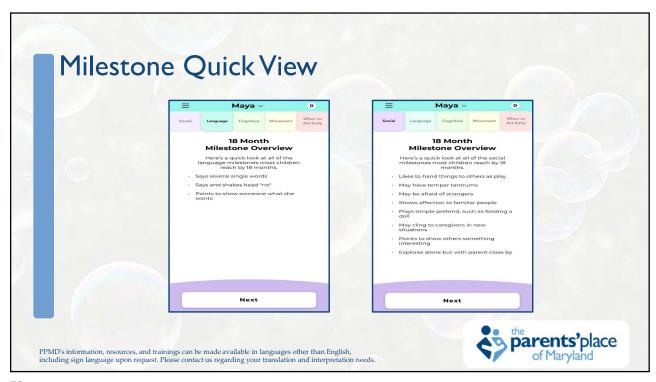




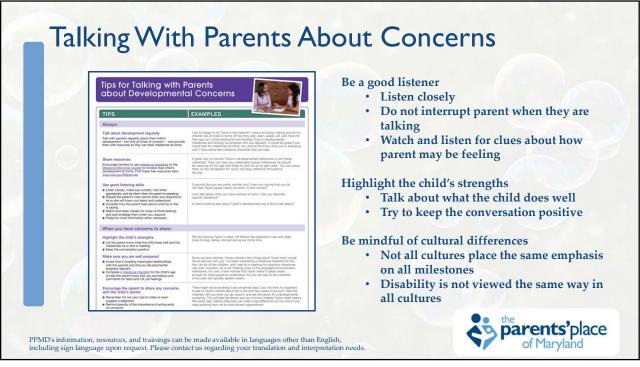








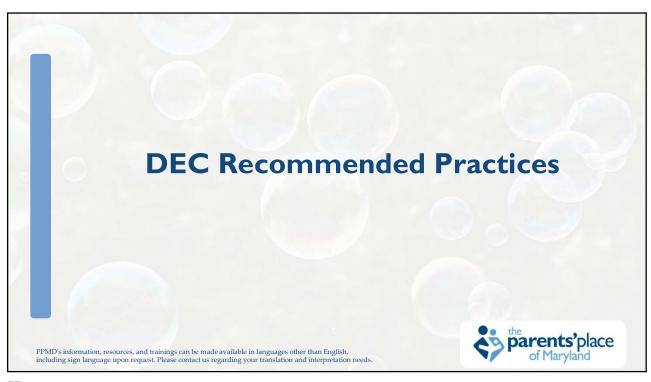


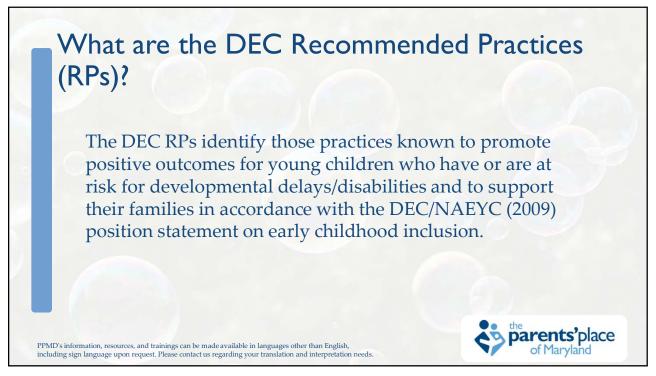


Concerned about Development?

How to Get Help for Your Child

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Who do the RPs support?

- Families
- Childcare providers
- Head Start and Home Visiting staff
- Early Intervention providers (PT, SLP, OT, Special Instruction)
- Early Childhood Special Education providers
- Professional Development staff (In-Service)
- Administrators at State and Local levels

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Tools to Help You Use the RPs

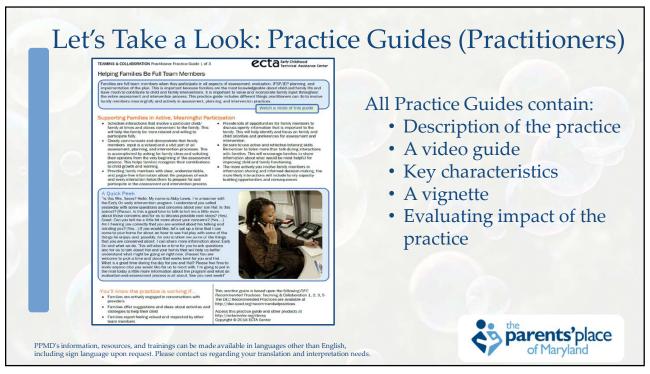
- Performance Checklists
- Practice Guides (Practitioner, Family)
- Resources to support PD providers
- Available in English, Spanish
- Available to download and view on mobile device

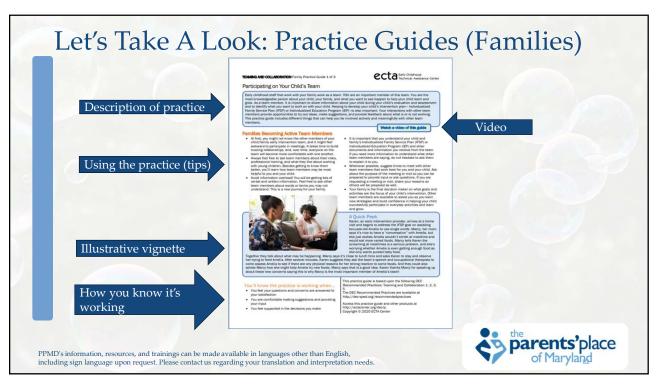


ECTA Center: Practice Improvement Tools: Using the DEC Recommended Practices

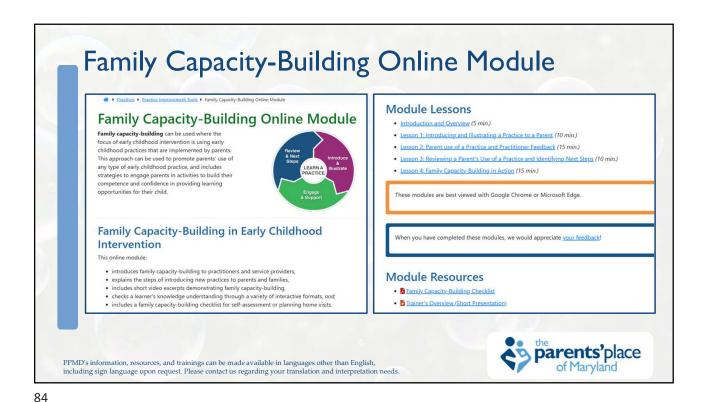
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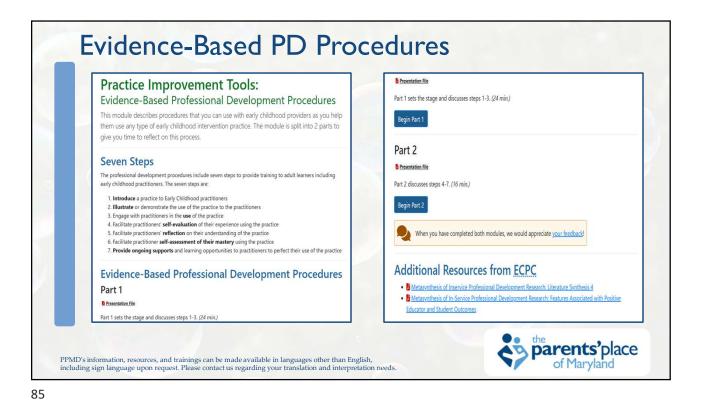












Why Use Both LTSAE and the DEC RPs?

While LTSAE helps families identify areas of concern and how to act on those concerns, there are no resources for <u>after</u> the referral to early intervention/Child Find

The RP Guides for Families include such topics as:

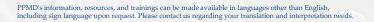
- Partnering with Your Child's Assessment Team Members
- Supporting Your Child's Learning
- Families Obtaining Supports and ResourcesParticipating on Your Child's Team
- Your Child's Move from Early Intervention to Preschool Special Education Services
- · and many, many more!

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- Framework of evidence-based practices for promoting young children's healthy social and emotional development.
- Provides guidance for:
 - Early Childhood Special Educators
 - Early Intervention Personnel
 - Early Educators
 - Families









Infant & Early Childhood Mental Health Consultation (Maryland)

- Pairs a mental health consultant with families and adults who work with infants and young children in the different settings where they learn and grow (childcare, preschool, home)
- Aim is to build adults' capacity to strengthen and support the healthy social and emotional development of children
- Childcare providers and parents can access IECMHC services free of charge. Services include:
 - · Observation and assessment of children and the childcare environment using research-based tools
 - Partnering with childcare providers to deliver training, mentoring, and coaching to help create environments that better support the social and emotional needs of young children
 - Increasing childcare staff skills in addressing the social and emotional needs of children to improve readiness for school
 - · Supporting childcare providers to help retain and serve children with behavioral and mental health needs

Infant and EC Mental Health (marylandpublicschools.org)

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Resources

- RPs https://www.dec-sped.org/dec-recommended-practices
- Practice Improvement Tools http://ectacenter.org/decrp/
- Performance Checklists http://ectacenter.org/decrp/type-checklists.asp
- Practice Guides for Practitioners http://ectacenter.org/decrp/type-pgpractitioner.asp
- Practice Guides for Families (English) http://ectacenter.org/decrp/type-pgfamily.asp
- Practice Guides for Families (Spanish) http://ectacenter.org/decrp/type-pgfamily-sp.asp

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DEC Recommended Practices

The DEC Recommended Practices (RPs) bridge the gap between research and practice, offering guidance to parents and professionals who work with young children who have or are at risk for developmental delays or disabilities. The Recommended Practices were first developed by DEC in 1991 to provide guidance to the relatively new field of early intervention/early childhood special education. Through recent collaborative work with the Early Childhood Technical Assistance Center (ECTA), the 2014 set of DEC Recommended Practices was completed. The 2014 set of practices consists of eight domains: leadership, assessment, environment, family, instruction, interaction, teaming and collaboration, and transition. The Recommended Practices are helpful for those engaged in both preservice and inservice professional development.



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More Resources

- Organization for Autism Research (https://researchautism.org)
- National Autism Association (https://nationalautismassociation.org)
- Find your state's Parent Training Information Center (<u>https://www.parentcenterhub.org/find-your-center</u>)





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THANK YOU! For more information, or if you have questions, contact us! The Parents' Place of Maryland 802 Cromwell Park Drive, Suite H Glen Burnie, MD 21061 (410) 768-9100 • www.ppmd.org Kristen Paul kristen@ppmd.org The contents of this presentation were developed under a grant from the U.S. Department of Education. However, the content of this presentation does not necessarily represent the policy of the U.S. Department of Education. You should not assume endorsement by the Federal Government.

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