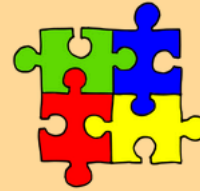


# EARLY START DENVER MODEL



Early Start Denver Model (ESDM) is a therapeutic intervention that focuses on language and cognitive domains to increase rates of development for children ages 12-48 months with Autism Spectrum Disorder.

## WHO PROVIDES WHAT?

Trained therapists and **PARENTS** work together to target developmental domains such as understanding and use of language, thinking, and socialization



## HOW IS IT SUCCESSFUL?

High frequency and modeling works! **15-20 hours per week** of engaged interactions between parent and child in natural environments (e.g. at home, on the playground).



## SHOW ME THE WORKS!

Using ESDM increases development over the course of 2 years in comparison to "sitting and waiting."

ESDM group development increased by 18 points on a the Mullen Scales of Early Learning.

The assess and monitor group only increased by 6 points on the same scale.



Mean Scores on Mullen Scales of Early Learning



## WHY IS THIS IMPORTANT?

Your child uses routines all day, like mealtime, bath time, and play.

This model emphasizes the frequency of routines to foster development in your child's most natural environment.



## YOUR ROLE

You will learn strategies to increase your child's attention and motivation, nonverbal communication, building imitation skills, and speech development.



- Dawson, G., Rogers, S., Munson, J., Smith, M., Winter, J., Greenon, J., Varley, J. (2010). Randomized, controlled trial of an intervention for toddlers with autism: The Early Start Denver Model. *Pediatrics*, 125(1), e17-e23.
- Rogers, S., Estes, A., Lord, C., Vismara, L., Winter, J., Fitzpatrick, A., . . . Dawson, G., Autism Speaks and the University of North Carolina. (2012). Effects of a brief early start denver model (esdm)-based parent intervention on toddlers at risk for autism spectrum disorders: A randomized controlled trial. *Journal of the American Academy of Child & Adolescent Psychiatry*, 51(10), 1052-1065.
- Vivanti, G., Paynter, J., Duncan, E., Fothergill, H., Dissanayake, C., Rogers, S. J., & Victorian ASELCC Team. (2014). Effectiveness and feasibility of the Early Start Denver Model implemented in a group-based community childcare setting. *Journal of autism and developmental disorders*, 44(12), 3140-3153.