

# Sensory Processing 101

By: Tonya Hayes, M. Ed., SLP-A  
Sprout Pediatrics



Certified, Interactive and Relevant CCCCD Training!  
Brought to your center with a minimum of 20 participants  
\$5 per person per hour – All participants over 20 free!

Growth & Development – 2 hour or 5 hour training on  
Executive Function Skills: Creating Lifelong Learners  
Addresses Attention, Focus, Impulse and Emotional Control  
Special Needs – 1.5 hour training on Sensory Processing IOI  
Addresses sensitivities, rough play, food aversions and many other  
Sensory issues we are seeing in children with Autism and ADD/ADHD

Contact Tonya Hayes, M. Ed.. For more information  
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# What Others are saying:

"Tonya has the unique ability to present in a way that captivates and motivates you to want to be a better teacher."

~ 4 year teacher of 15 years

"This training was fun and so practical! I have immediate ideas and a thinking process I can use tomorrow to create a better classroom."

~ 2 year teacher 11 years

"I never knew what executive function was but now we have specific strategies to help our two year old friends have more impulse control and emotional control. The best class I have ever attended!"

~ Older 2's teacher for 21 years.



# Ice Breaker

- Find a friend, introduce yourself and answer the question on the card.
- When leader begins to wave switch partners and do it again.



# Who is Sprout Pediatrics?

- Sprout is a pediatric therapy group based in the Midlands of South Carolina.
- We serve Babies to 10 year olds through Baby-net, Home Health and private pay.
- We provide Physical Therapy, Occupational Therapy, Feeding Therapy and Speech-Language Therapy



# Current Trends

- Epidemic of late talkers!
- More and more feeding therapy clients with food aversions and allergies.
- Children with less impulse and emotional control. (i.e. Executive Function skills)
- Children with sensory integration or processing issues.



# What is SPD?

## Sensory Processing Disorder

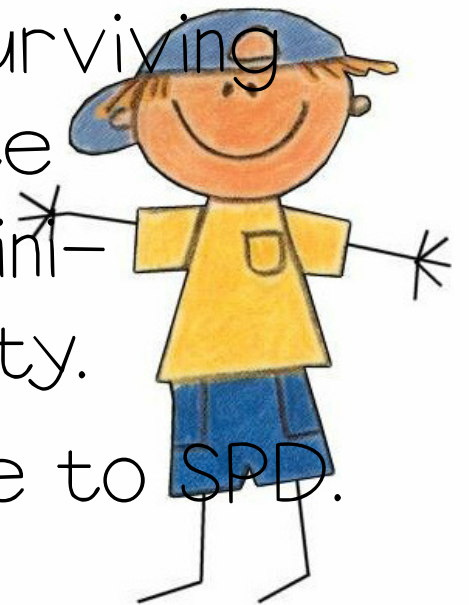
A condition in which the brain has trouble receiving and responding to information that comes in through the senses.

It is NOT recognized in the DSM-5 as a medical diagnosis!



# More SPD! Why?

- SPD affects 5–16% of school aged children.
- SPD is in the new DSM5 as a symptom of Autism Spectrum Disorder and can accompany ADD/ADHD.
- More premature babies are surviving and their brains can have white matter. Sensory reactive or mini-trauma that can lead to anxiety.
- Fragile X babies are also prone to SPD.



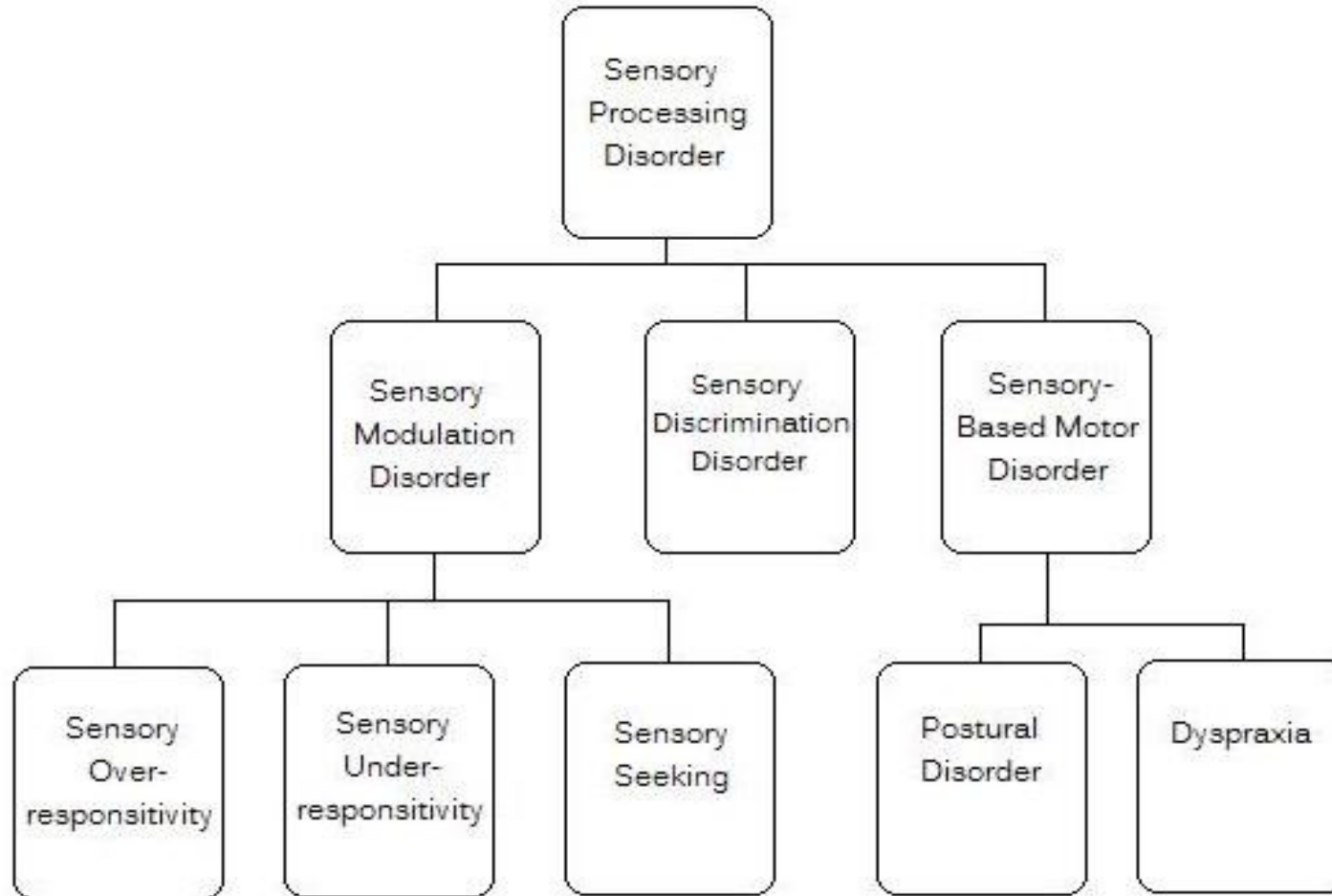


# Who do you Know?

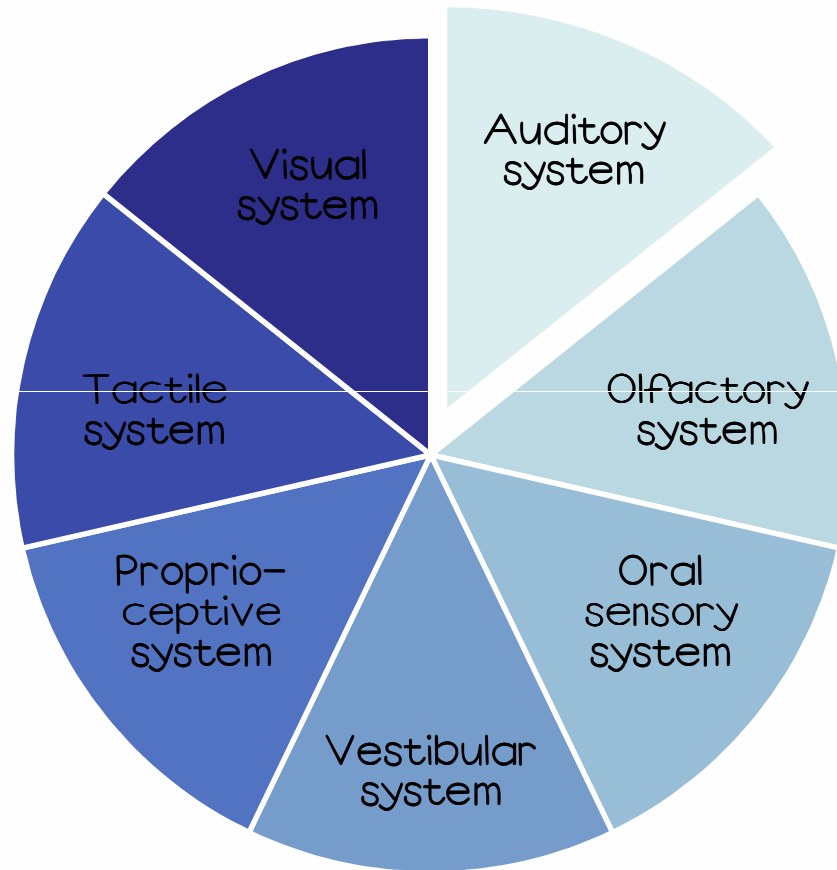
- Find three other people to get with and share your name, job and share any experiences you have had with a child who exhibited sensory issues.
- Use a sticky note to write down any characteristics you recall them exhibiting.



# What does SPD Look Like?

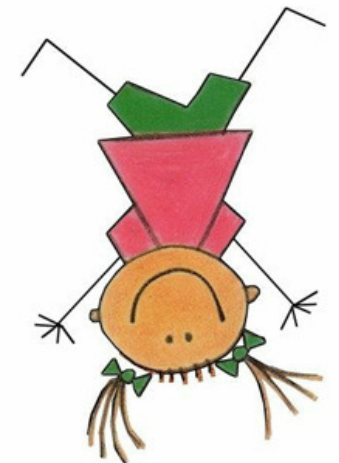


# The Sensory System Includes:



# Sensory Over Responsivity

- Children who over respond to sensory stimuli in their environment.
- They may cover their ears at clapping or noise in the cafeteria.
- Gag at the smell of peanut butter or a public bathroom.



SOR  
Sensory  
Over  
Responsitivity



# Sensory Under Responsivity

- Children with under responsivity register sensory input to a low degree.
- They need extra sensory input in a variety of ways to really alert their systems to be ready to learn. They crash and are rough.
- Children with SUR often are low tone, may lack initiative and take a lot to keep them going or engaged.



6 yr old with ASD & Down syndrome



# Sensory Seeking/Craving

- Always seeking input through walking, running, jumping, rough play.
- Touch people and objects often and seek or make loud noises.
- Children with sensory craving chew on clothing, fingers, and non food items.
- They may also have a high tolerance for pain.



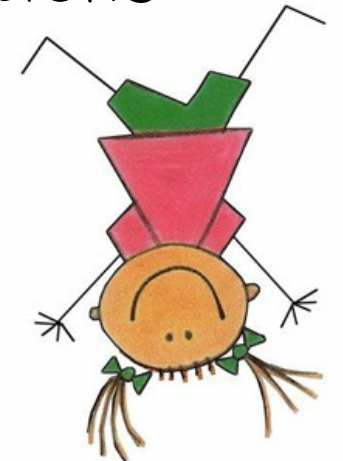


# Sensory Craving



# How do you know when to Refer a Child?

- When sensory issues impact, inhibit or really change daily routines.
- A child's behaviors are noticed by others.
- You have given it some time, educated yourself and tried some interventions from books and behaviors aren't changing.



# What concerns me most as a therapist?

- Interactions with others
- Participating successfully at school
- Going out in public
- Tolerating basic self care and grooming experiences
- Eating a healthy diet and maintaining a healthy weight
- Getting an adequate amount of sleep.



# Questions?

- Pair up and celebrate one thing you learned from this discussion. Then share one thing you wish you had learned?
- Group sharing with baby applause!
- Questions?



# Bibliography

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- 4) We Connect Cards: Create Conversations that Matter. [www.weand.me/connect](http://www.weand.me/connect)
- 5) Abraham, Dayna, Claire Heffron, Lauren Drobnyak. Sensory Processing IOI 2015. ebook at [www.sensoryprocessingIOI.com](http://www.sensoryprocessingIOI.com)

