Incorporating Functional Tasks into your Lesson Plan.

An Occupational Therapist's perspective to therapeutic riding.



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Role at Happy Trails

- Occupational Therapist
- Riding Instructor
- Consult with other riding instructors
- Give individual EAT classes
- Give Group Classes focused on Life Skills.



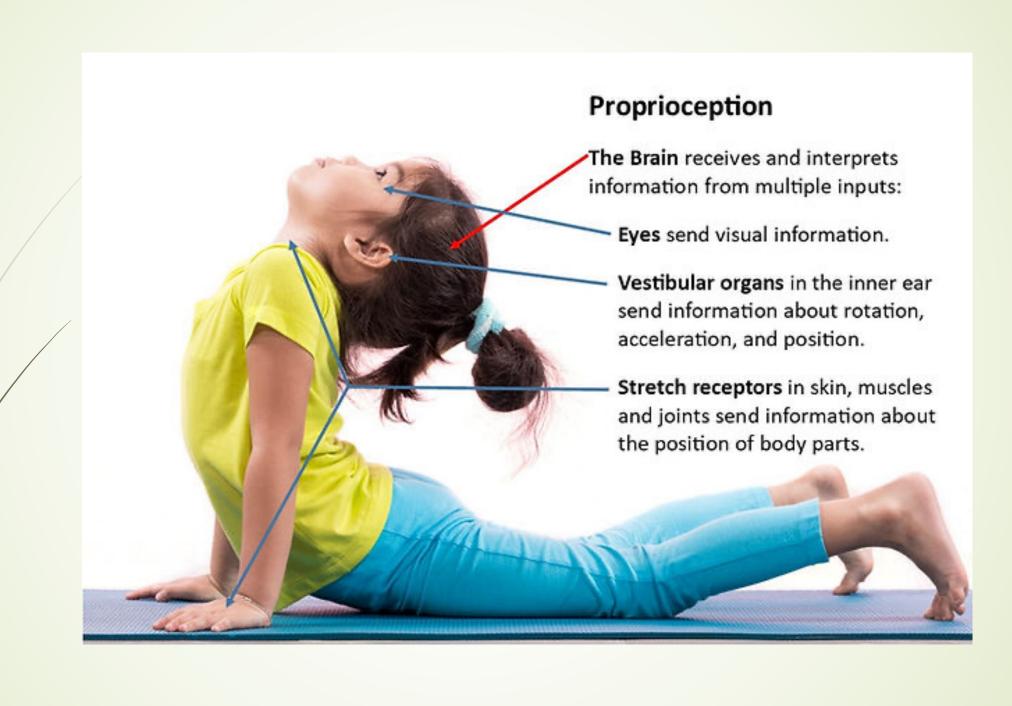
Diagnosis we work with:

- Primary Diagnosis
 - Autism
 - Cerebral Palsy
 - Down's Syndrome
 - Williams Syndrome
 - Angelman's
 - Traumatic Brain Injuries
 - ChromosomalAbnormalities

- Secondary Diagnosis
 - Anxiety
 - ADHD
 - Sensory ProcessingDisorder

8 Senses

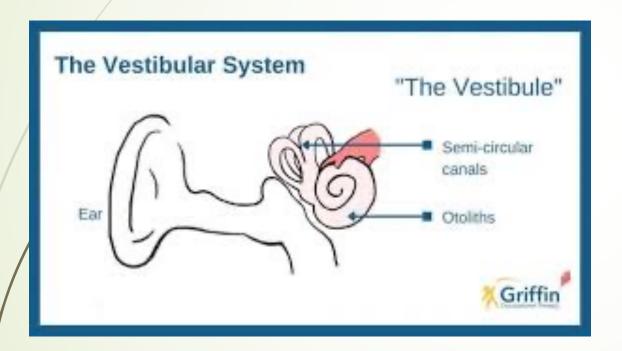


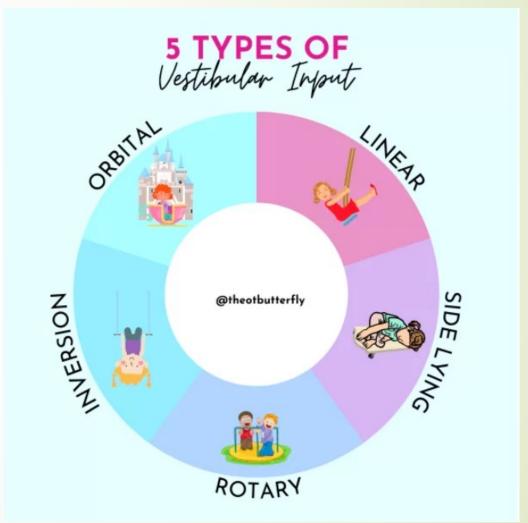


Proprioception

- Why is it important:
 - ✓ Tells us where we are in space
 - ✓ Grades are movement
 - ✓ Helps us maintain balance

Vestibular





Vestibular

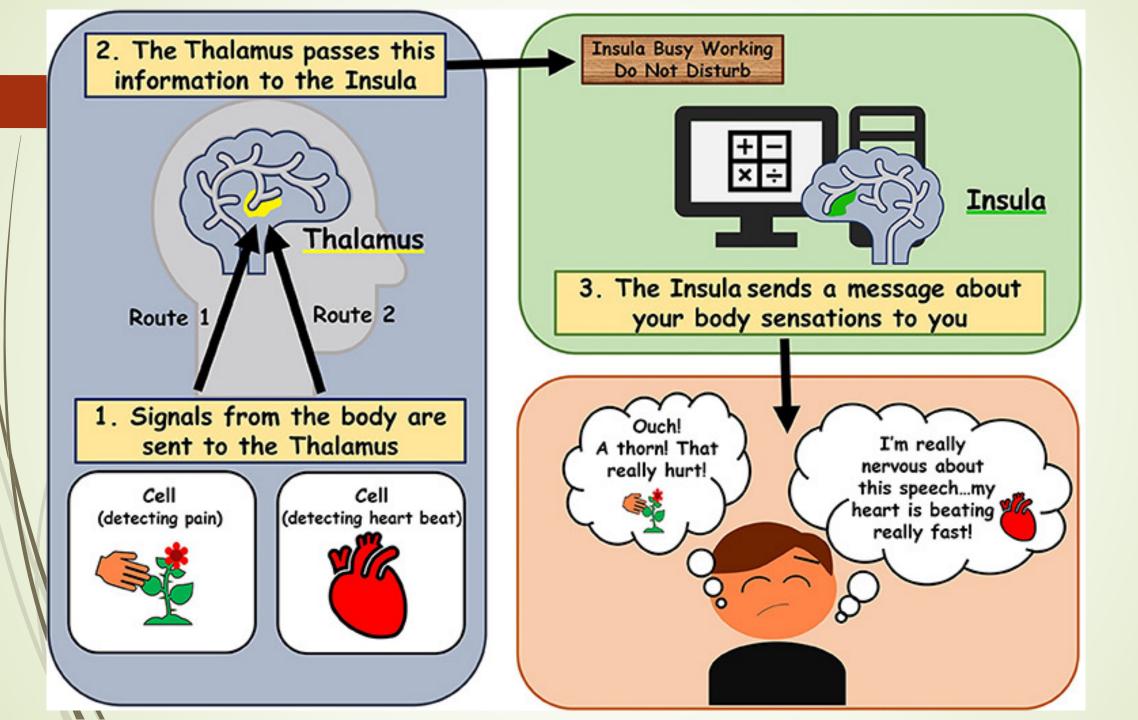
- Why is it important
 - ✓It keeps us balanced
 - ✓ Helps us sit upright and stand upright
 - ✓ Helps us walking
 - Changing positions challenges our vestibular system

What is Interoception?

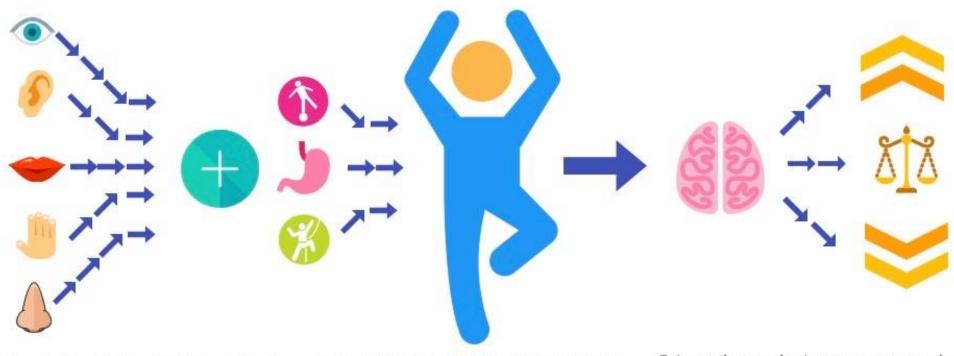
Provides us with information about our body and emotional states

- Body States
 - Pain
 - Hunger
 - Thirst
 - Toileting Needs
 - Fatigue

- **■** Emotion States
 - Anxiety
 - Anger
 - Sadness
 - Joy
 - Excitement
 - Irritability
 - Fear



What is SPD?



- External stimuli (visual/sight, auditory/sound, olfactory/smell, tactile/touch, and gustatory/taste) enter the body through sensory receptors.
- 2.Internal stimuli (proprioceptive/movement and position in space, vestibular/balance, interoceptive/awareness of internal organ needs) activate the peripheral nerves.
- 3. External and internal sensory input travels to the brain and is processed as either over-arousal, under-arousal, or neutral information.
- Input that our brains process as overarousal, register in our bodies as a hypersensitivity. Hypersensitivity can present as fear, avoidance, distraction, or poor balance.
- Input that our brains process as underarousal, register in our bodies as hyposensitivity. Hyposensitivity can present as overly touchy, close proximity to others, an inability to sit still, thrill-seeking, or clumsiness.
- 6. Input processed as neutral information do not present in our bodies as problematic behaviors. SPD arises when the hyper- or hypo- sensitivity to sensory input causes dysfunction in the person's daily life. Every person with SPD can experience a different combination of sensory challenges.

www.OlympiaTherapy.com

Riding requires what skills?

Right and Left Endurance

Balance Fine motor control

Volume Control

Timing

Range of motion

Body Parts Body awareness

Body Parts Eye hand coordination

Knowing letters

Tool use

Strength

Know colors

Reading emotions

Knowing numbers

Ground Activities





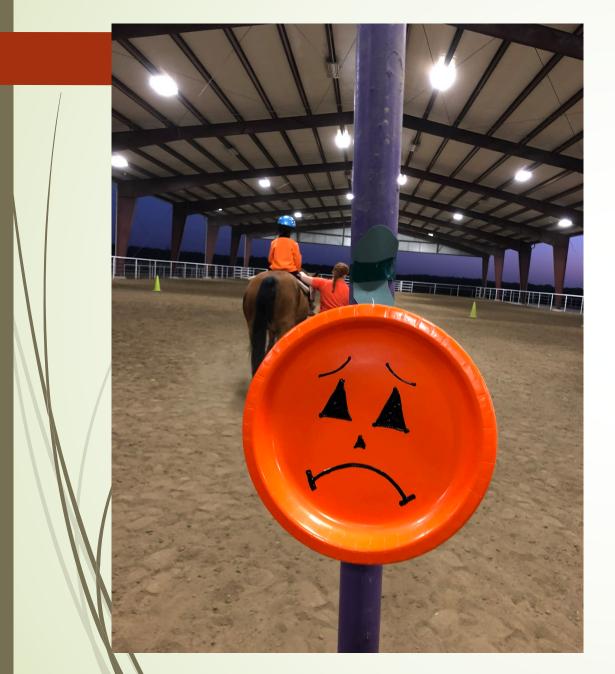




Emotions



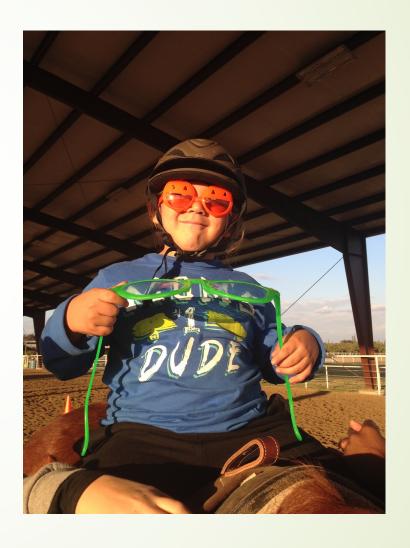






Decorating/Dressing





Shapes





Numbers/Counting



Reaching tasks/Colors



Puzzles





Other functional Tasks

- Beads and String
- Scavenger Hunt
- Planting and Watering Plants
- First Aid
- Inside/Outside
- Right and Left
- Making Treats
- Read a book

Questions?

THANK YOU

