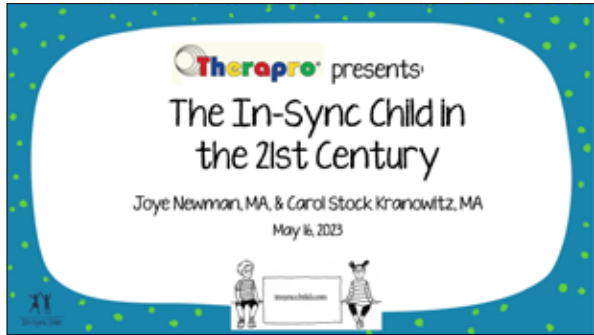


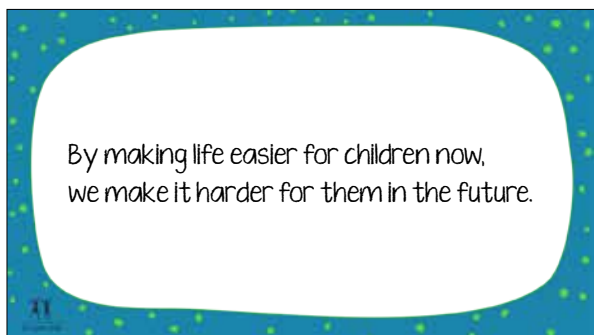
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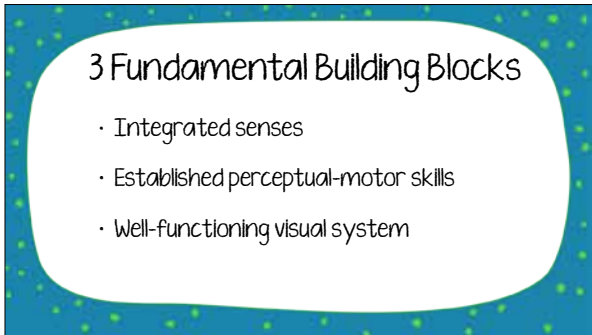
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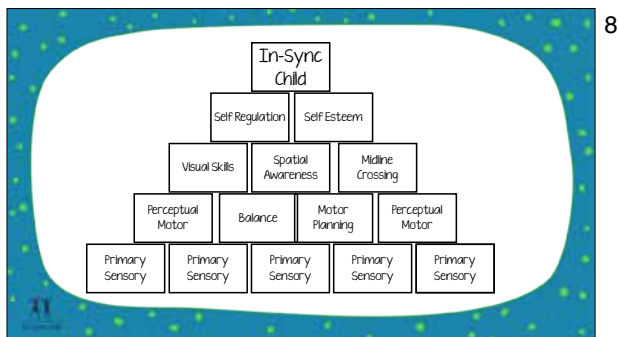
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7



- Motor development is sequential.
- Most children develop in the same sequence but NOT at the same rate.



9

Collapse Could Look Like:

- Behavior problem
- Allergies
- Learning disability

Splinter Skill

A skill that is learned by practice rather than in the correct developmental sequence.

As a result, this skill does not generalize into other areas of development.

10

How Does It Happen?

Neurons connect to other neurons to create neural pathways.

As children have new experiences or make new movements, neural pathways are strengthened.

The goal is to have these pathways so strong that movements become "automatic."

11

Sensory Processing

The way that the nervous system receives and organizes messages about sensations, coming from the environment and one's own body, and interprets the information to elicit appropriate responses in daily life.

12

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The Eight Senses

- Visual - Sight
- Auditory - Sound
- Olfactory - Smell
- Gustatory - Taste
- Tactile - Touch
- Vestibular - Movement & Balance
- Proprioceptive - Body Position
- Interoceptive - Internal organs




13

Tactile Processing




- The "touch" sense
- Receiving sensations through the skin and hair and then responding to those sensations




14

Vestibular Processing




- The "movement" sense
- Receiving sensations about the pull of gravity through the inner ear and then responding to those sensations




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Proprioception




- The "body position" sense
- The unconscious awareness of sensations coming from muscles and joints



17


Perceptual Motor Development

- Refers to a motor response that follows perception
- Sensory information is sent to the brain, and then through neurological pathways to the muscle groups that should respond





18

Balance




- Static balance is in place
- Dynamic balance is moving



19

Balance Develops



- As the baby begins to push up on both hands
- As baby learns to sit on his own
- By creeping

21

20

Bilateral Coordination




The ability to move both sides of the body at the same time

21

21

Body Awareness




The mental picture of one's own body parts, where they are, how they interrelate and how they move

21

22


Directionality



- The awareness of concepts such as up, down, forward, and backward and the ability to move in that direction on command
- Learned as the child moves through space

23

Laterality



- The ability to move one side of the body independently of the other
- First and most important lateral movements are creeping on hands and knees

24

Midline Crossing



The ability to use the hand, foot, or eye across the invisible vertical line that runs down the center of the body



25

Motor Planning (Praxis)

The ability to organize and sequence the steps of an unfamiliar and complex body movement in a coordinated manner



26

Spatial Awareness

The understanding of space and where one is in relation to the world




27




A child can't learn about a 3 - dimensional world

by living in a 2 - dimensional world.




28

The Visual System




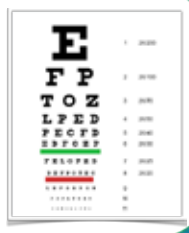
- Acuity
- Binocular vision
- Tracking



29

Acuity

- Acuity is the measurement of sight.
- Normal acuity is often represented as 20/20.




30

Binocularity



- The ability to use both eyes together
- Depth perception
- Staying bilateral



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31

Visual Tracking

The ability to watch a moving target with eyes, without any head movement



32

In-Sync Child Webinars



1. Introduction	6. Masking Tape Play
2. Understanding Sensory Processing	7. Rope Play
3. Understanding Perceptual Motor Devel.	8. Stretchy Things Play
4. Understanding Vision	9. Shapes Play
5. Paper Plate Play	10. Hoop Play


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In-Sync Publications

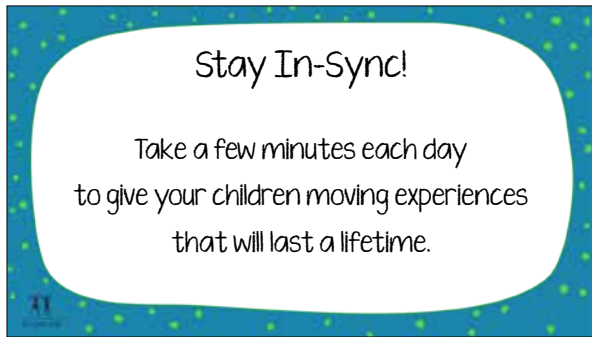
 "Growing an In-Sync Child"	"The In-Sync Activity Cards Book"
 "A Year of Mini-Moves for the In-Sync Child"	







34



35

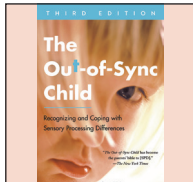


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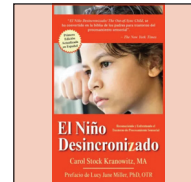
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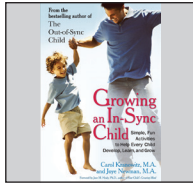
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The Out Of Sync Child - 3rd Edition
The groundbreaking book that explains Sensory Processing Differences (SPD)--and presents a drug-free approach that offers hope for parents--now in a newly updated third edition (2022).



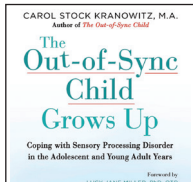
El Niño Desincronizado (Spanish Edition)
Also available in Spanish!



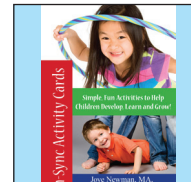
Growing an In-Sync Child
Based on the authors' more than ninety combined years of professional success working with children of all abilities, this book provides parents, teachers, and other professionals the tools to give every child a head start and a leg up.



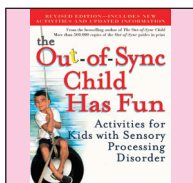
A Year Of Mini-Moves For The In-Sync Child
A Year of Mini-Moves for the In-Sync Child includes 52 weekly schedules to easily incorporate quick movement activities into your child's day.



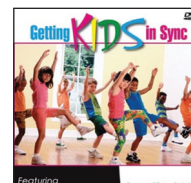
The Out-of-Sync Child Grows Up
The long-awaited follow-up to the million-copy bestseller The Out-of-Sync Child, presenting information and advice for tweens, teens, and young adults living with Sensory Processing Disorder, and their parents.



The In-Sync Activity Cards Book
Looking for quick, easy ways to keep kids "In-Sync"? The In-Sync Activity Cards Book is packed with 50 new In-Sync activities to help your child develop, learn, and grow.



The Out-of-Sync Child Has Fun
This revised edition of the companion volume to The Out-of-Sync Child includes new activities that parents of kids with Sensory Processing Disorder can do at home with their child.



Getting Kids in Sync DVD
In this lively DVD, Carol Kranowitz demonstrates SAFE (Sensory-Motor, Appropriate, Fun and Easy) activities with the help of the children of St. Columba's Nursery School in Washington, DC.

more items on next page

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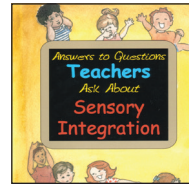
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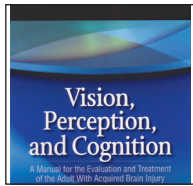
Preschool SENSE

This well-known author of several titles on sensory processing dysfunction (SPD) has created a user-friendly tool for occupational therapists and other therapists working with preschool educators.



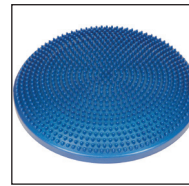
Answers to Questions Teachers Ask About Sensory Integration

You know them: they are easily distracted, impulsive, over- or under-sensitive to sounds, lights, textures, etc. In this book, you'll find tried and true instructions for developing their fine motor, "organizing," and motor planning skills.



Visual Perception & Cognition

A wealth of activities for the development of Visual Perception & Cognition in the areas of pursuit, scanning, aligning, locating movements, eye-hand coordination; and fixation unity.

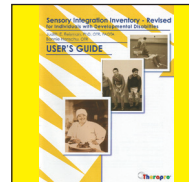


Balance

Provides a program for daily exercise as a strategy to cope with stressors.



Tools for Movement



Tools for the Body