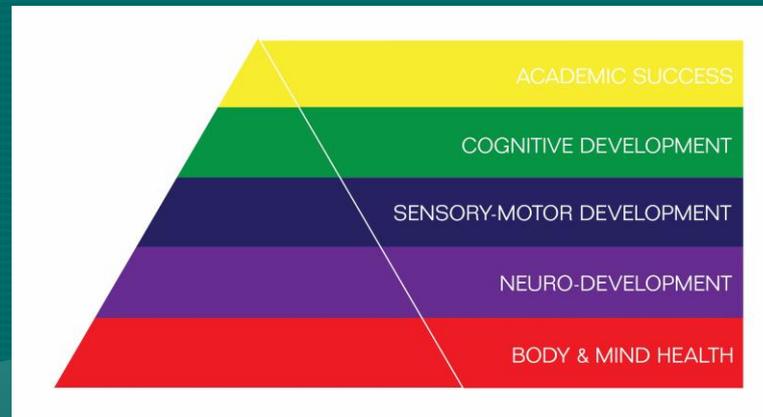
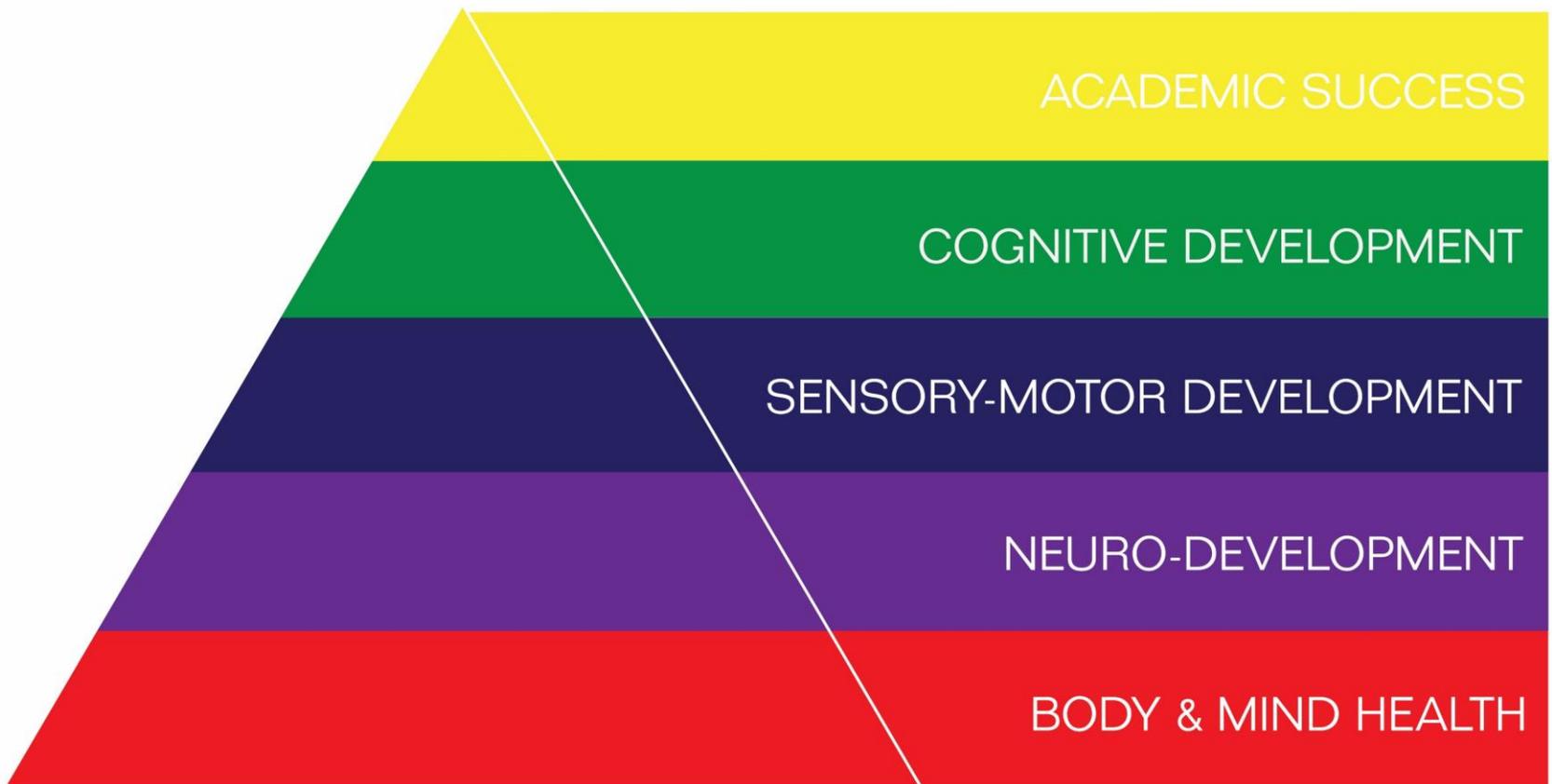


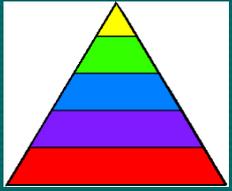
# The Roadmap From Learning Disabilities to Success



**Kathy Johnson**, MS Ed

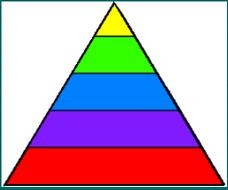
# Building Blocks





# Neuro-Development

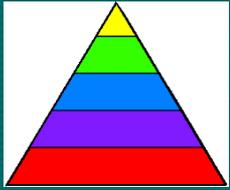
- Fear Paralysis Reflex
- Moro Reflex
- Palmar Reflex
- Tonic Labyrinth Reflex
- Spinal Galant
- Asymmetrical Tonic Neck Reflex
- Symmetrical Tonic Neck Reflex



# Fear Paralysis Reflex

Normally integrated before birth  
If retained, could result in:

- Lifelong anxiety
- Chronic fears
- Panic disorders
- Respiratory arrest
- Epilepsy/seizures
- SIDS
- May freeze when:
  - Restraint of movement; Inversion
  - Perception of shadows; Pain
  - Sudden temperature change; Smoke
  - Separation from mother; Unfamiliar environment
  - Helplessness or hopelessness

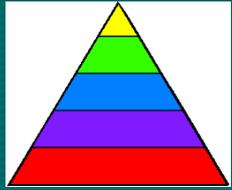


# Moro Reflex

Develops Prenatal to 4 months

If retained, could result in:

- Motion sickness
- Poor balance and coordination, physically timid
- Visual-perceptual problems – Fixation, excessive blinking, maintaining eye contact
- Light and Auditory hypersensitivity
- Allergies
- Adverse reaction to drugs
- Poor stamina, Hyperactivity followed by fatigue
- Dislike of change
- Hypoglycemia
- Anxiety, Mood swings, Difficulty accepting criticism
- Poor math concepts; reasoning

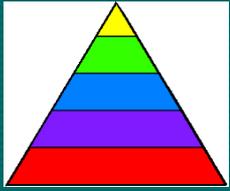


# Palmar Reflex

Develops Prenatal to 3 months

If retained could result in:

- Poor handwriting
- Poor manual dexterity
- Lack of “pincer grip”
- Speech and articulation issues
- Makes mouth movements when writing or drawing
- Palm may be hypersensitive to touch

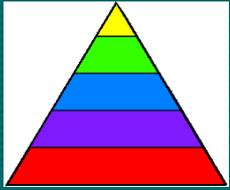


# Tonic Labyrinthine Reflex

## Develops Prenatal to 4 months

If retained, could result in:

- Poor posture and weak muscle tone
- Poor sense of balance
- Dislike of sports
- Visual problems – convergence (causing problems with copying off board)
- Spatial problems (bumping into furniture, planning problems in written work)
- Poor sequencing skills (telling stories, sounding out words, math)
- Poor sense of time

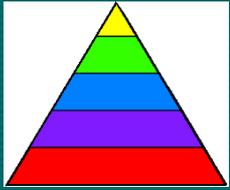


# Spinal Galant

Develops Prenatal to 9 months

If retained, could result in:

- Fidgeting
- Bedwetting
- Poor concentration
- Poor short term memory
- Sensory integration problems (hyper or hypo-sensitive in several senses)
- Auditory Processing Disorder
- Near focusing problems
- Difficulty with reading

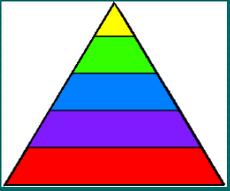


# Asymmetrical Tonic Neck Reflex

## Develops Prenatal to 6 months

If retained, could result in:

- Convergence and horizontal tracking problems
- Right-left confusion
- Visual-perceptual difficulties (b, d, p, q reversals)
- Difficulty skipping and marching
- Difficulty crossing the midline
- Mixed dominance
- Balance
- Poor handwriting
- Poor expression of ideas on paper



# Symmetrical Tonic Neck Reflex

Develops 6 to 11 months

If retained, could result in:

- Poor posture and ape-like walk
- “W” leg position while sitting on floor
- Poor eye-hand coordination
- Messy eater
- Difficulty learning to swim
- Attention problems
- Vision issues: vertical tracking, convergence, and near focusing problems

# What To Do Next?

- Maintaining Brains Everyday DVD
  - Primitive Reflexes: Foundations for Learning
  - Pyramid of Potential Academy: Foundations Course
  - Pyramid of Potential Academy: Core Course to become a Brain Advancement Coach
- 
- Pyramid of Potential, Inc.
  - PO Box 3369
  - Saratoga Springs, NY 12866
  - 518-260-3937