



Foundational Sensory Systems

The tactile, proprioceptive and vestibular systems are the focus of sensory integration therapy. They are the earliest developing systems and provide the longest lasting input to the body.

TACTILE

Stereognosis (ability to identify objects without vision)
 Localization of touch
 Temperature discrimination
 Coordination
 Motor-planning
 Fine motor skills (grasping, handwriting, manipulating small object)
 Safety Awareness
 Speech articulation
 Self-care skills
 Social skills
 Play skills

PROPRIOCEPTIVE

Body awareness
 Kinesthesia
 Grading of muscle force
 Safety Awareness
 Motor-planning
 Muscle tone
 Coordination
 Oral motor skills
 Speech articulation
 Fine motor skills (grasping, handwriting, manipulating small object)
 Play skills
 Social skills

VESTIBULAR

Awareness of self in relation to the environment
 Gravitational Security
 Muscle tone
 Postural stability/security Balance
 Righting reactions
 Protective reactions Safety
 Awareness Coordination
 Motor-planning Sequencing
 Attention
 Activity level regulation Bilateral skills Handedness/Dominance
 Ocular-motor skills Visual motor skills
 Play skills