



The Developmental Sequence

Brain Stage	Visual	Auditory	Tactile	Mobile	Language	Manual / Hand Function
Sophisticated Cortex 3-8 years	Visual Lateralization Reading Comprehension	Auditory Lateralization Complete Language understanding	Hand Lateralization Tactile identification of objects	Skilled Leg movement Leg Lateralization	Complete vocabulary, proper sentence structure	Hand Lateralization for writing
Primitive Cortex 18-72 months	Identification of symbols and letters	Understanding of 2000 words and simple sentences	Conceptual understanding of objects	Walking and running in complete cross pattern	2000 words of language and short sentences	Bimanual function with one hand in a skilled role
Early Cortex 9-36 months	Differentiation of similar but unlike visual symbols	Understanding 10-25 words and two word couplets	Tactile differentiation of similar but unlike objects	Walking with arms freed from primary balance role	10-25 words of language and two word couplets	Cortical opposition bilaterally and simultaneously
Initial Cortex 6-24 months	Convergence of Vision, Simple depth perception	Understanding of two words of speech	Awareness of 3rd dimension in objects that appear flat	Walking with arms in balance role at or above shoulders	Two word phrases, spontaneous and meaningful	Cortical opposition in either hand
Midcerebrum Midbrain Level 3-14 months	Appreciation of fine detail Track vertically Unified ocular movement	Meaningful sound appreciation	Proprioception Gnostic sensation Position Sense	Hands/Knees Creeping culminating in cross pattern Balance	Creation of meaningful sounds. Babbling	Prehensile grasp Supination Pronation
Pons 1-5 months	Outline Perception Track Horizontally	Vital response to threatening Sounds	Perception of vital sensation Heat/Cold Pain Hunger	Crawling in the prone position culminating in a cross pattern	Vital crying in response to threats to life	Vital Release
Medulla & Cord Birth-2 months	Pupillary light reflex	Startle reflex	Tactile reflexes Ex. Rooting Babinski Galant	Movement of arms and legs without bodily movement	Birth Cry and crying	Grasp Reflex



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