The Neuro Functional Organization Chart
The Profile of Development from Dr. Temple Fay, Neurosurgeon

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		Visual		Auditory		Tactile		Manual	Language	Mobility
V11	36-96 months	STEREOPSIS	Reading & math at a grade 2 level laterality	STEREOPHONETIC	Understanding of complete vocabulary laterality	STEREOGNOSIS	Tactile identification of objects laterality	CORTEX Writing at a 2nd grade level laterality	Vocabulary/ good sentence structure (2nd gr) laterality	Skilled activities laterality
V1	22-67 months		Identification of visual symbols & letters within experience		Understanding of 2000 words and short sentences		Description of objects by tactile means	Bimanual function with one hand in a dominant role	2000 words of language and short sentences	Walking and running in complete cross-pattern
V	13-45 months		Differentiation of similar but unlike simple visual symbols		Understanding of 10-25 words of speech and two words couplets		Differentiation of similar but unlike objects	Cortical opposition bilaterally & simultaneously	10-25 words of speech and 2 word couplets	Walking with arms below waist
IV	8-26 months		Convergence Simple depth perception		Understanding of two words of speech		Perception of 3rd dimension in objects that appear to be flat	Cortical opposition in either hand	Two words of speech used spontaneously & meaningfully	Walking with arms in primary balance at/or above shoulder height
III	4-13 months	Detail perception Vertical tracking		Appreciation of detail meaningful sounds		Appreciation of gnostic sensation		Mid brain Prehensile grasp	Creating meaningful sounds	Creeping toward cross pattern
II	1-4.5 months	Outline perception Horizontal tracking		Vital response to threatening sounds		Perception of vital sensation - pain		Pons Vital release	Vital crying in response to threats to life	Crawling in prone position - cross pattern crawling
I	Birth	Light reflex		Startle reflex		Babinski reflex		Medulla Grasp reflex	Birth cry & crying	Movements arms-legs without bodily movement