

THE FAMILY HOPE CENTER

INTEGRATIVE AND DEVELOPMENTAL PROGRESSION CHART



BRAIN LEVEL		MEDULLA OBLONGATA • 1	PONS • 2	MIDBRAIN • 3
DEVELOPMENTAL PERIOD		BIRTH TO 2 WEEKS	2 WEEKS TO 2 MONTHS	2 TO 8 MONTHS
↑ SENSORY ↓	SEEING AND READING	<ul style="list-style-type: none"> Display a fast pupil contraction and dilation reflex in both eyes 	<ul style="list-style-type: none"> Follow light in a darkened room See and recognize shapes Consistently track moving people and objects 	<ul style="list-style-type: none"> Recognize objects such as a parent's face or a favorite toy from a distance of three meters See changes in facial expressions
	HEARING AND UNDERSTANDING	<ul style="list-style-type: none"> Display an immediate, yet controlled, startle response reflex to a repeated loud and sudden noise 	<ul style="list-style-type: none"> Respond fearfully to a loud and threatening sound, such as thunder 	<ul style="list-style-type: none"> Recognize and appreciate voice inflection Quickly hear sounds in the environment Quickly locate the source of a sound in the environment Understand the meaning of familiar environmental sounds Filter sounds and be at ease in a noisy environment
	SENSATION AND TACTILITY	<ul style="list-style-type: none"> The newborn baby displays a positive babinski reflex response The toddler displays a negative plantar reflex response 	<ul style="list-style-type: none"> Feel painful / vital sensations, such as cold, hot and a pin or needle, <u>throughout</u> the body Feel painful / vital sensations <u>instantly</u> throughout the body Feel painful / vital sensations <u>fully</u>, in terms of intensity, throughout the body 	<ul style="list-style-type: none"> Feel meaningful sensations such as: light touch, stroking, kissing, tickling, warm and cool temperatures, <u>throughout</u> the body Feel meaningful sensations <u>instantly</u> throughout the body Feel meaningful sensations <u>fully</u> throughout the body
↑ MOTOR ↓	LOCOMOTION AND MOBILITY	<ul style="list-style-type: none"> Independently and freely move all the limbs and joints in the body without restriction 	<ul style="list-style-type: none"> Independently crawl on stomach across the floor 1 meter Independently crawl as a consistent means of transportation Independently crawl in a coordinated pattern 	<ul style="list-style-type: none"> Independently creep on hands and knees across the floor 3 meters Independently creep on hands and knees as a means of transportation Independently creep on hands and knees in a coordinated crosspattern
	COMMUNICATION AND SPEECH	<ul style="list-style-type: none"> Demonstrate an initial birth cry Have the ability to cry to express needs 	<ul style="list-style-type: none"> Cry in response to pain and distress Cry loud enough to be heard and rescued 	<ul style="list-style-type: none"> Make many different sounds to relay emotions such as: happy, hungry, and tired Make vowel and consonant sounds
	MANUAL AND WRITING	<ul style="list-style-type: none"> Reflexively grasp an object placed in either hand Have a strong grasp reflex in both hands 	<ul style="list-style-type: none"> Release an object from either hand, quickly and completely, when in pain or danger 	<ul style="list-style-type: none"> Reach out and grab an object with a prehensile grasp with either hand Release an object voluntarily from either hand Pass an object from one hand to another Begin feeding using hands
↑ SOCIAL ↓	EMOTIONAL AND SOCIAL	<ul style="list-style-type: none"> Be comforted by touch, sound or smell Accept and seek security 	<ul style="list-style-type: none"> Adjust to daily routine Express needs with various cries Show interest in the environment 	<ul style="list-style-type: none"> Show interest and interacts with parents Begin to seek affection Explore environment consistent with locomotion Recognize when a familiar object disappears Smile to a smile

BRAIN FUNCTION

NAME: _____ DATE OF BIRTH: _____ TODAY'S DATE: _____