

all about baby brains

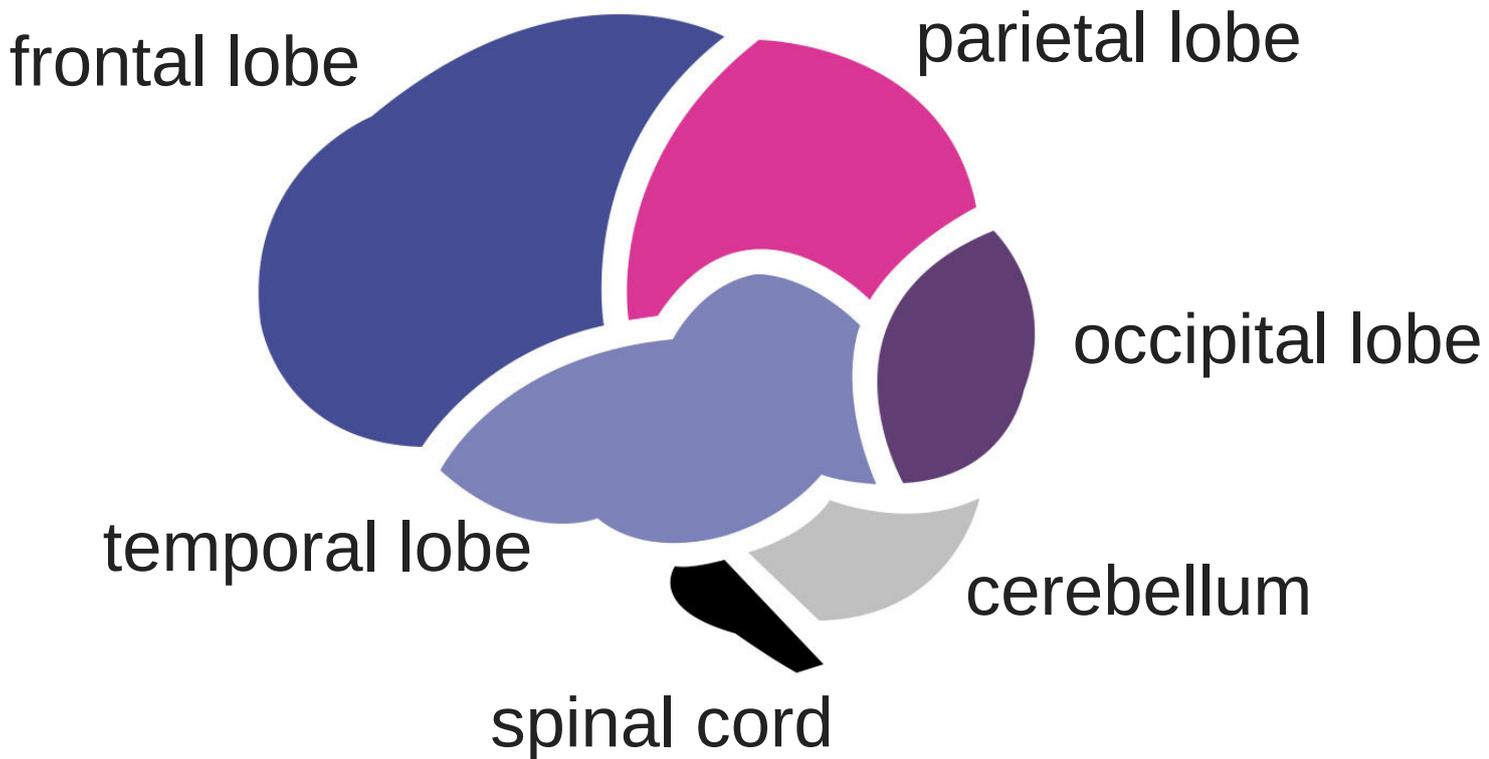
Baby brains are amazing and we are always learning about how to support them to help them develop and grow.

We'd love to share some baby brain development information with you and a graphic of your little one's brain that shows in very simplistic terms which area of the brain is processing and sensory and motor information received.

The brain of a baby undergoes an amazing period of development between birth and 3 years and it is influenced by many things - their relationships, experiences and environment. What a child experiences and how their parents respond to it shapes how they interact with the world.



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frontal lobe

- motor functions
- reasoning
- problem solving
- regulates emotions
- expressing language

occipital lobe

- visual processing
- visual discrimination
- recognition

temporal lobe

- speech
- hearing
- auditory processing
- behaviour
- emotions
- short term memory
- long term memory

parietal lobe

- processes sensory information
- taste
- touch
- smell
- temperature

cerebellum

- balance
- co-ordination
- rhythm
- proprioception
- vestibular

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When our little ones are born their brains have about 100 billion neurons but they are still to form connections between them and that we make these connections through our experiences. We call the connections neural pathways.

We know that playing in a sensory rich way and taking into consideration all eight of their senses helps not only make these areas in their brain connect but by repeating activities we make those connections stronger. Repetition really is the key to more efficient neural pathways in our brain.

You'll notice in our classes that we follow this evidence by pacing your little one in class, introducing new experiences, repeating skills and giving you the opportunity to share play with your little one.



All babies develop at different rates. It is important to stay patient, repeat often and have fun sharing experiences and supporting your baby to learn.