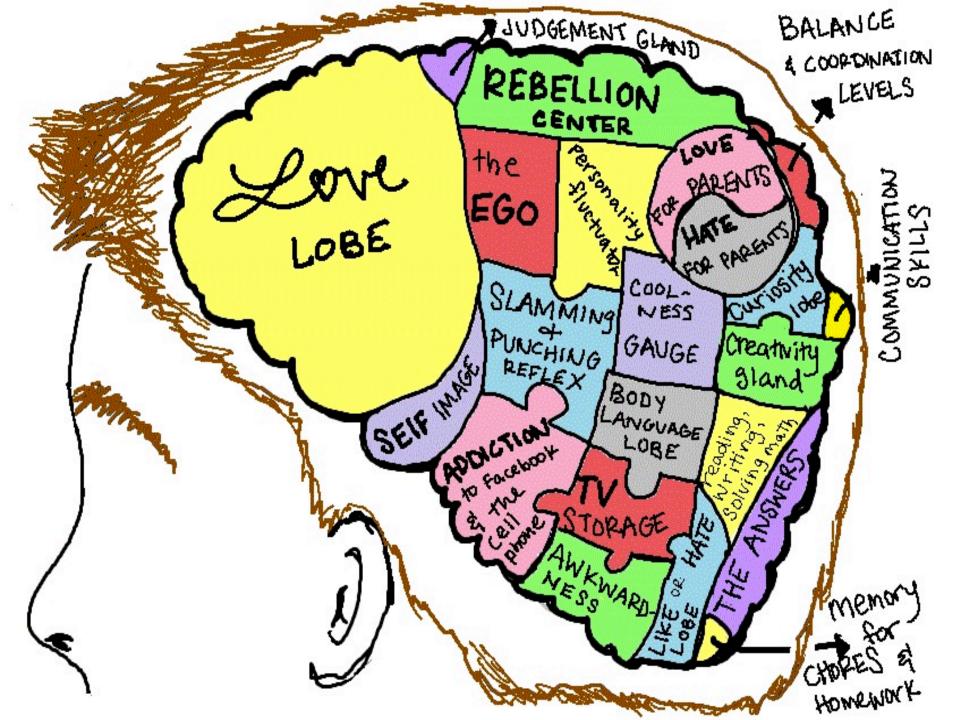
Blame it on the Brain

Nicolle Mayo, Ph.D., LMFT Wellsboro Vineyard Church, PA Mansfield University

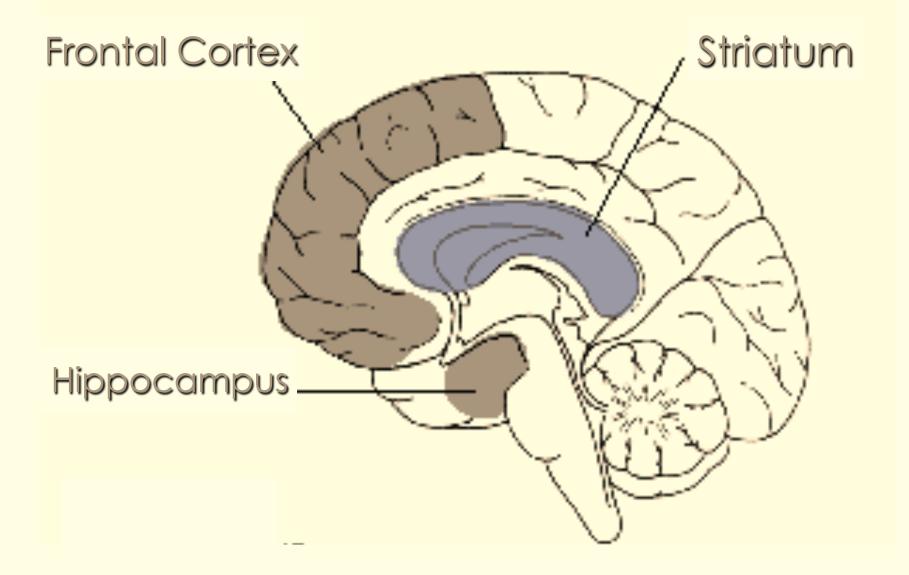


What's Really Going On?



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Growing a Grown-up Brain

Scientists have long thought that the human brain was formed in early childhood. But by scanning children's brains with an MRI year after year, they discovered that the brain

undergoes radical changes in adolescence. Excess gray matter is pruned out, making brain connections more specialized and efficient. The parts of the brain that control physical movement, vision, and the senses mature first, while the regions in the front that control higher thinking don't finish the pruning process until the early 20s.

Gray matter becomes less

dense as the brain matures.

Less

dense

Gray

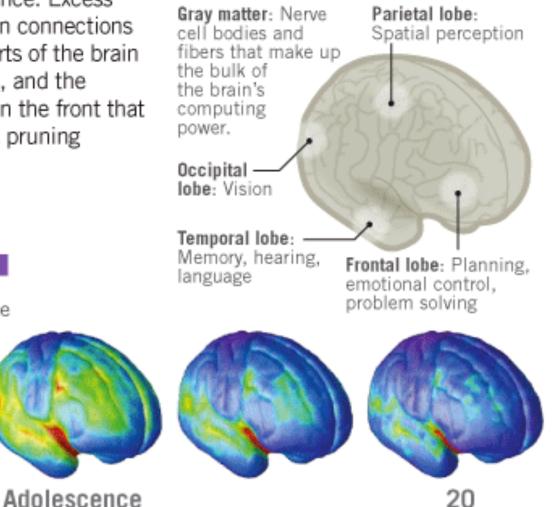
matter

density

Age: 5

More

dense



Source: "Dynamic mapping of human cortical development during childhood through early adulthood," Nitin Gogtay et al., Proceedings of the National Academy of Sciences, May 25, 2004; California Institute of Technology

Speak their language (Connect to Their Emotions)

Aim for understanding

22

Hold Your Judgment

Intentionally Make Time (For Talking & Being Together) Car Rides &

Ask Open Ended Questions

(Refrain from Interrogating) Reflecting is ₃

Ask Their Opinion (And Actually Consider It)

Admit Your Mistakes (The Hardest = The Most Valuable)

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