

Brain BYTE



How long do your students sit in class?



After 20 minutes there's a build-up of blood in the feet, lower legs buttocks.



minute
of standing
& moving
brings a

15%

increase of blood (and oxygen) to the brain.

Your brain Your body

Neurons:

85 billion 500 million

85,000,000,000 500,000,000

Neurotransmitters identified:

> 100 > 40

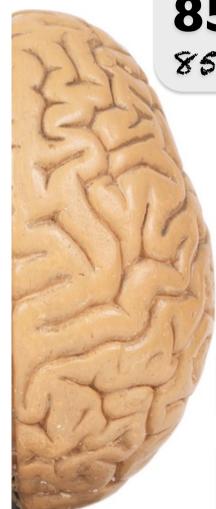
Dopamine production:

50% 50% Serotonin production

5%

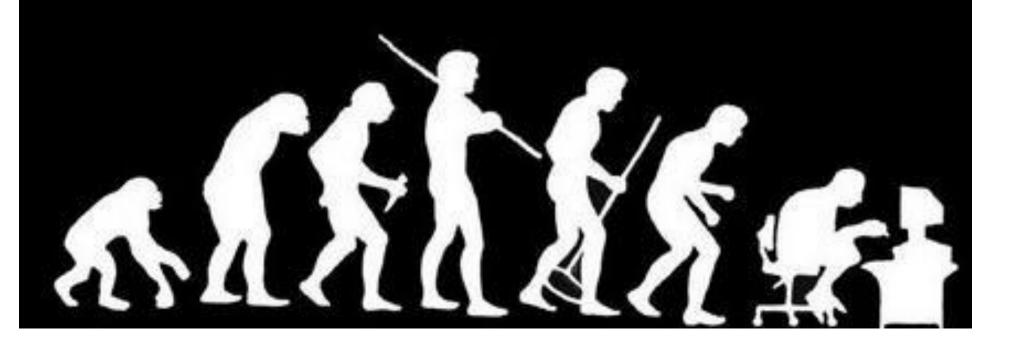
95%

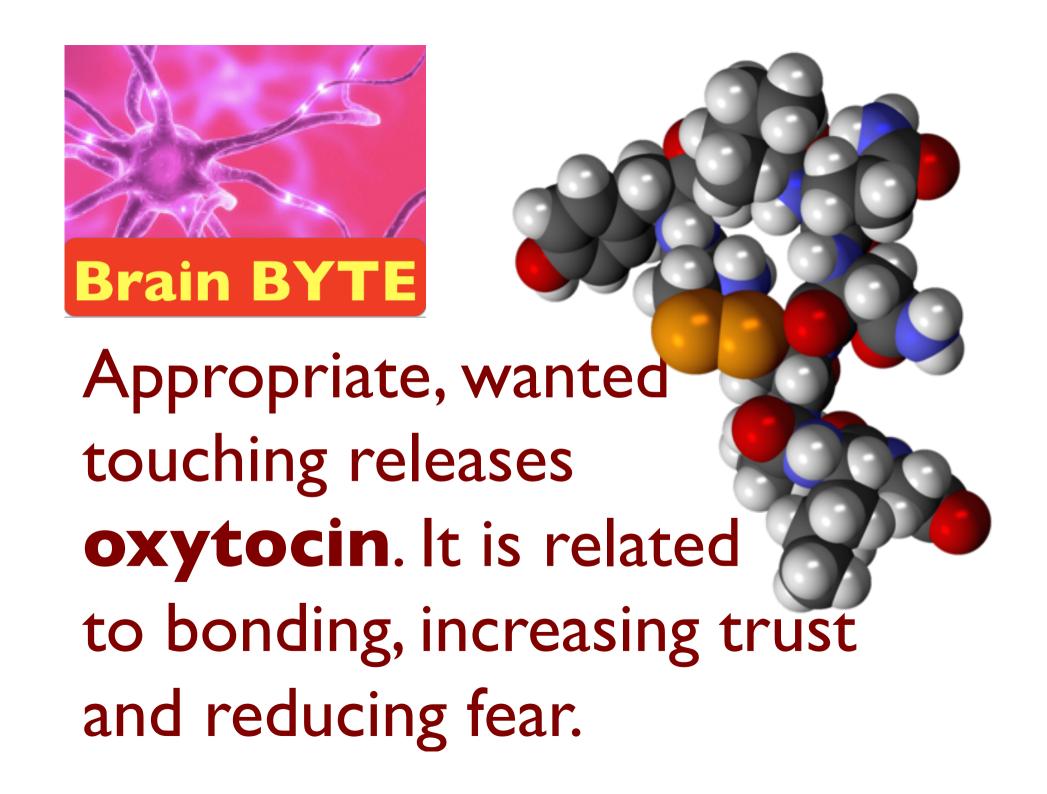
Both affect blood flow



Humans are meant to walk

10 - 20 km/day







When you get multi-sensory input, you

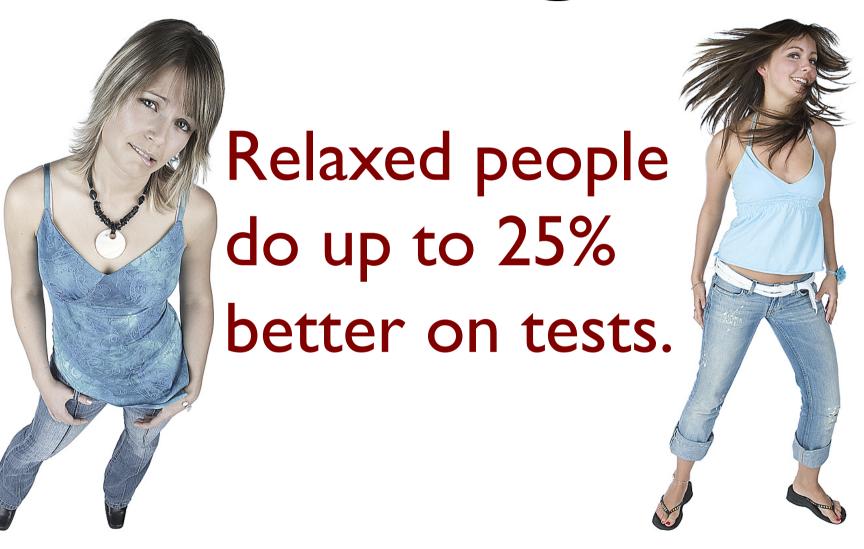
remember more.



When you get multi-sensory

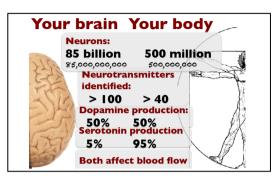
input, you are 50-75% more creative at problem solving

Interesting fact:





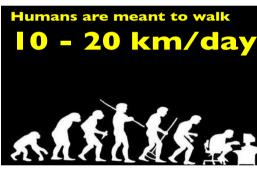
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References (in the Energy Break PowerPoints, these appear on the specific slides.

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- Relaxed people/tests: Jensen, E. Brain-based learning. (2008)Thousand Oaks, CA: Corwin