

SECRETS OF THE HUMAN BRAIN

(Ten Thousand Million)

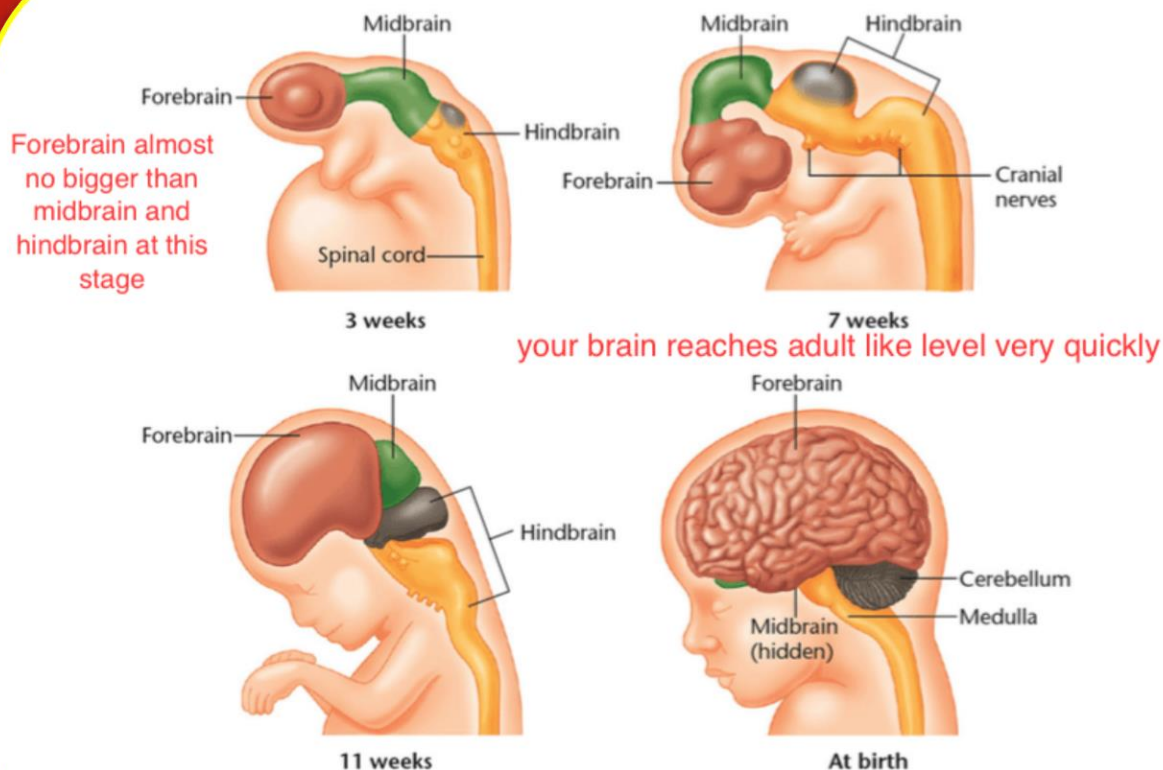




SECRETS OF THE HUMAN BRAIN

Brain Development

Brain Development During Gestation / At Birth



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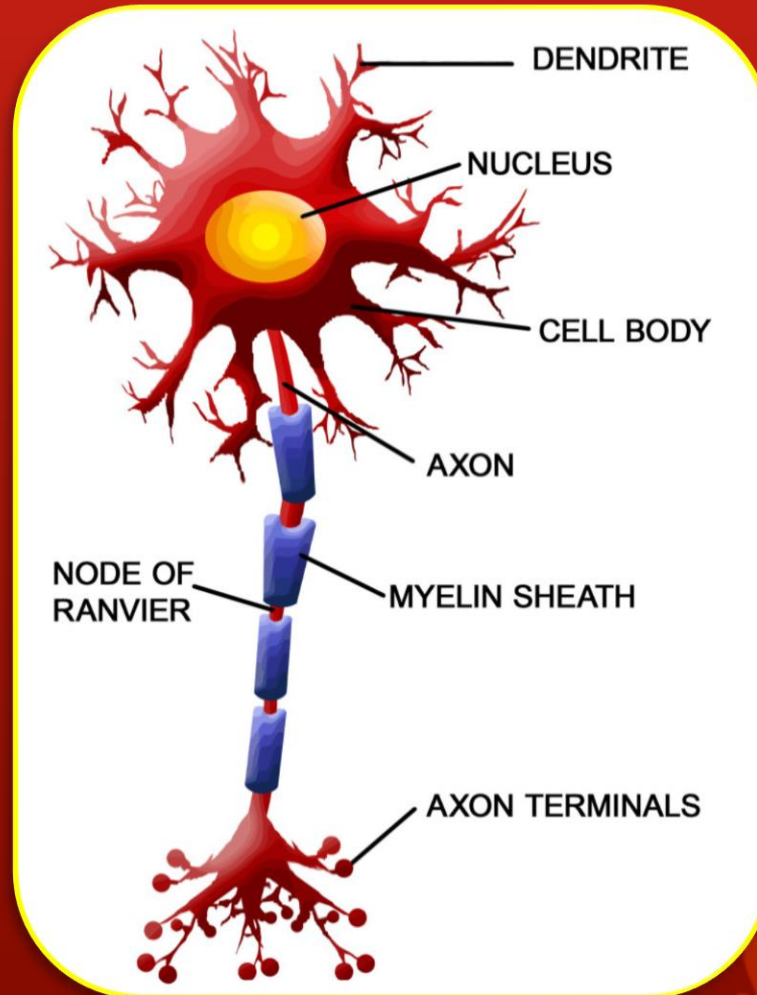
At Birth = 350g, At 1 year = 1000g (adult = 1,200 to 1,400g)



SECRETS OF THE HUMAN BRAIN

Nerve cells /
Neurons

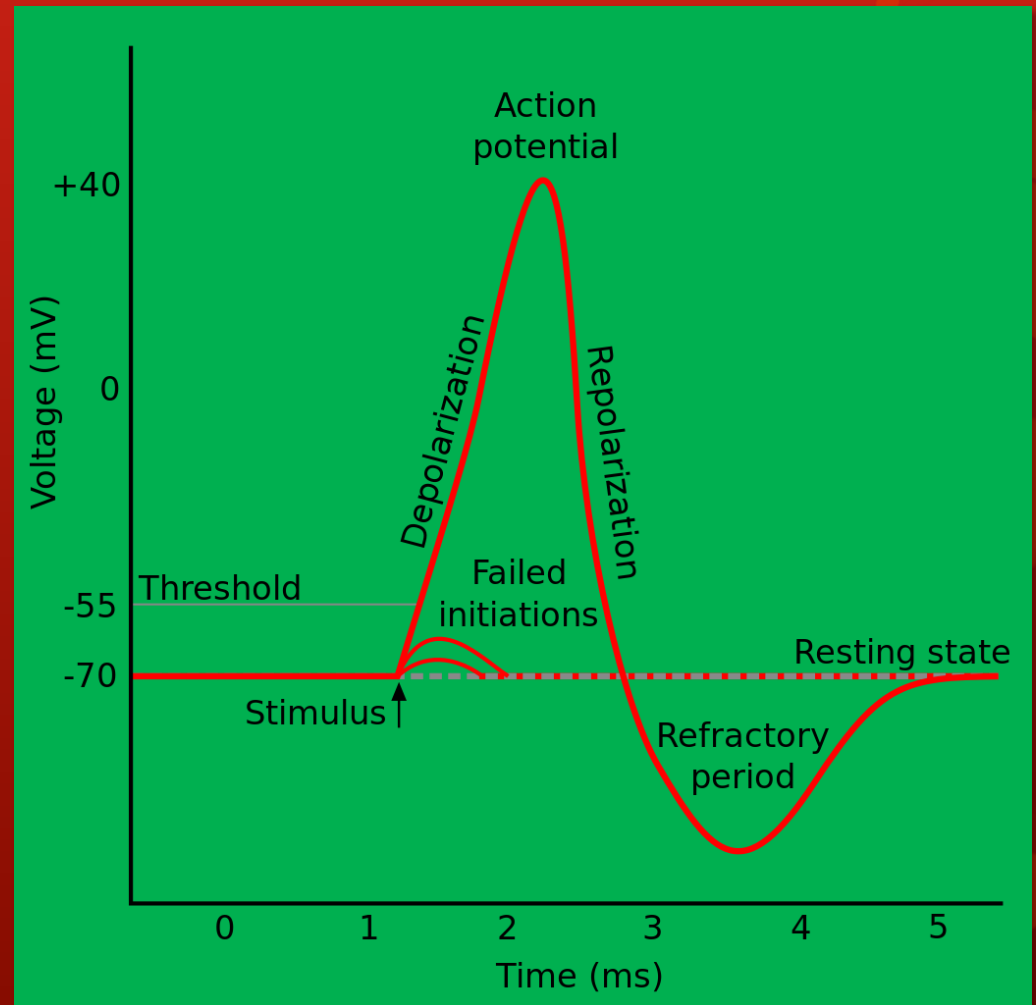
Ten, thousand,
million



SECRETS OF THE HUMAN BRAIN



Battery
Mode





SECRETS OF THE HUMAN BRAIN

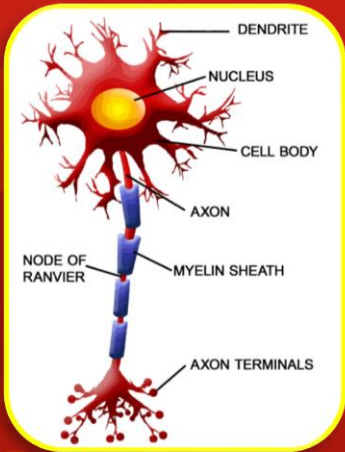
A ● -
B - ● ● ●
C - ● - ●
D - ● ●
E ●
F ● ● - ●
G - - ●
H ● ● ● ●
I ● ●

J ● - - -
K - ● -
L ● - ● ●
M - -
N - ●
O - - -
P ● - - ●
Q - - ● -
R ● - ●

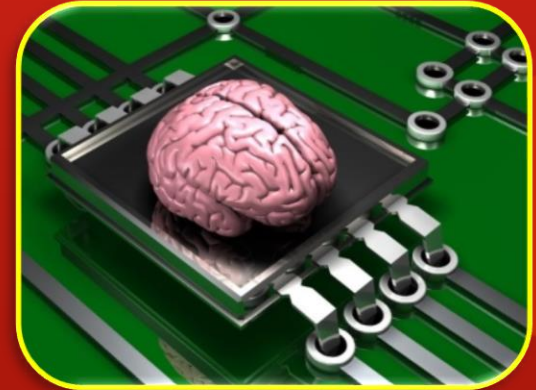
S ● ● ●
T -
U ● ● -
V ● ● ● -
W ● - -
X - ● ● -
Y - ● - -
Z - - ● ●



SECRETS OF THE HUMAN BRAIN



Neuron runs at
300 Hz



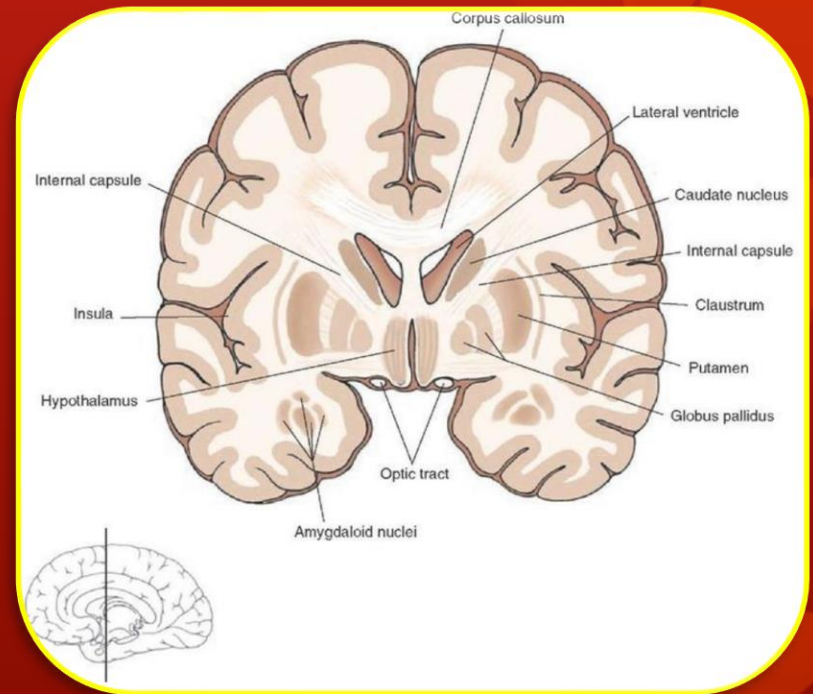
Silicon Chip runs at 3 Giga
Hz





SECRETS OF THE HUMAN BRAIN

New Brain, Cerebral Cortex

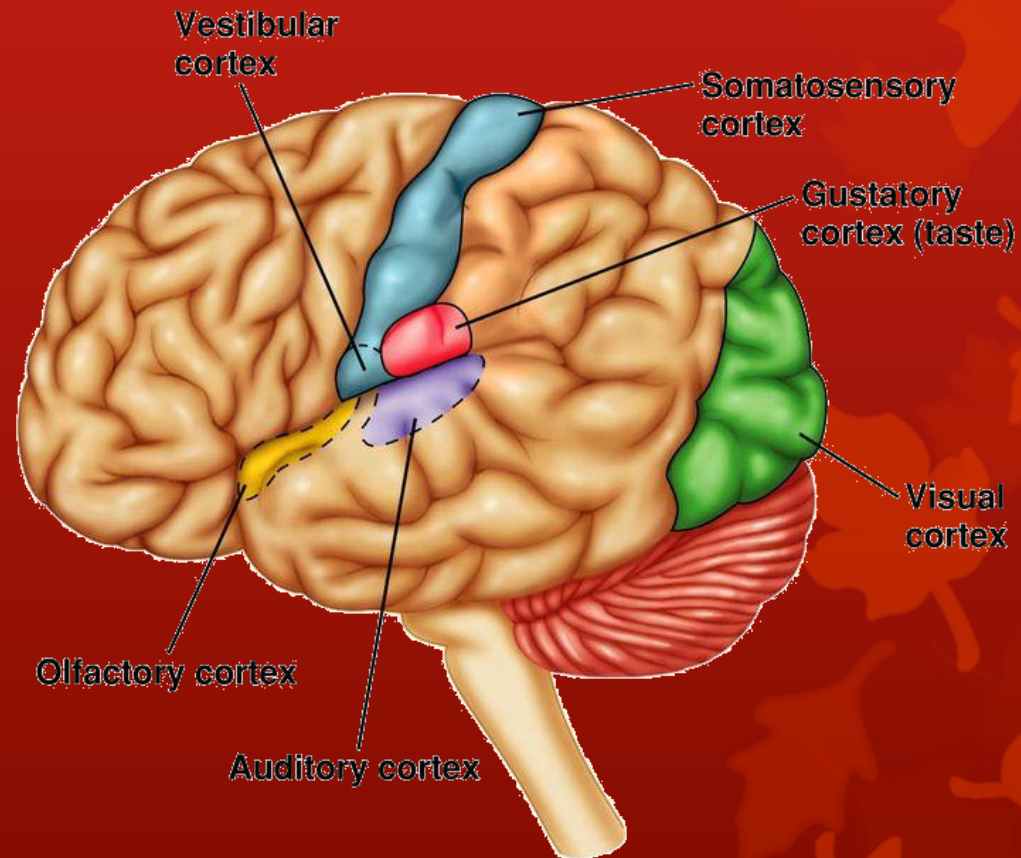




SECRETS OF THE HUMAN BRAIN

New Brain, The Senses

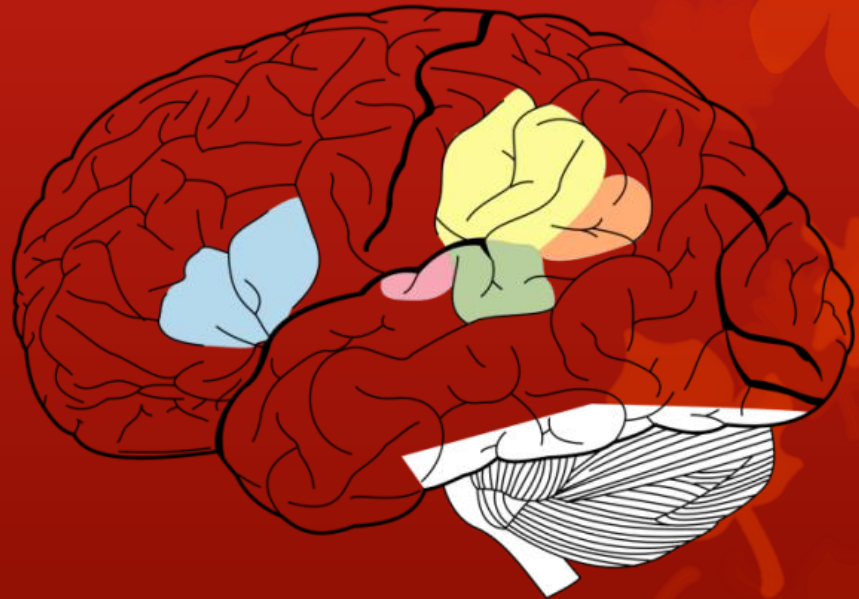
- Taste
- Smell
- Hearing
- Touch
- Vision
- Balance

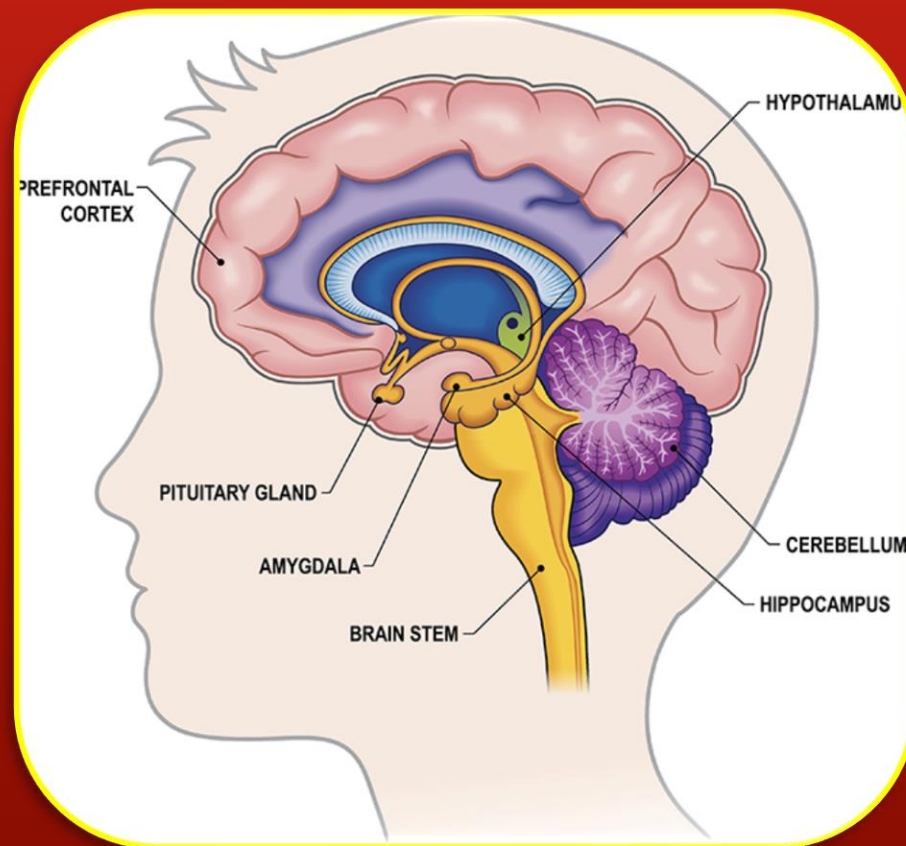




Silent Areas (Terra incognita)

Frontal lobes
Personality
Motivation
Intelligence
Drive
Planning (30 years)
Self awareness
Our place in the World







Mortality Self-awareness Mirror Test





High level consciousness & thinking

Rene Descartes in 1637 –

Je Pense, donc, je suis

I think, therefore, I am



Taj Mahal
Da Vinci
Hubble Telescope

