Computer and Human Body Comparison

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| COMPUTER | HUMAN BODY |
| **CENTRAL PROCESSING UNIT (CPU)*** Located on the mother board
* Carries out commands
* 2 inch ceramic square
* The CPU of the computer gets INPUT from a keyboard, a touch screen or a mouse
* Image result for cpu processorThe CPU takes action by producing OUTPUT, such as print or pictures on a monitor screen or a printer or sound through the speakers.
 | **THE BRAIN*** The CPU is the like the BRAIN.
* The brain gets INPUT from a person’s eyes, ears, nose, or touch
* The brain responds to input by creating OUTPUT such as movement, an image, a sound, decision-making

Image result for the brain |
| **COMPUTER POWER SUPPLY*** The computer gets its power from an energy source such as electricity

Image result for computer power supply | **EATING FOOD*** The human body needs power to stay alive, and converts food and water into energy
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| **COMPUTER MOTHER BOARD*** The**CPU** and the **RAM** sit on a piece of circuit board known as the **MOTHER BOARD.**
* Main circuit board holds parts together such as the CPU, memory, connecters, hard drives, optic drive, expansion cards, & USB ports
* Cables in a computer system connect important parts to the mother board and allow the flow of electricity

Image result for motherboard diagram | **SKELETON AND BODY SYSTEMS*** The brain does the majority of the processing work, but there are other systems of the body that are vital for our health and well-being, such as organs, and the nervous and circulatory systems
* Our skeleton is the framework that holds our parts together
* The nerves in a body use electrical impulses to send messages to other parts of the body
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| **RAM (Random Access Memory)*** A CPU passes data that it is not ready to deal with to a temporary location
* This location is called Random Access Memory (RAM)
* The data sits in RAM until the CPU is ready to use it to perform calculations or follow instructions
* Once passed to the CPU the data is wiped from the RAM

Image result for ram | **SHORT TERM MEMORY*** The brain has different areas to hold information for the short term and for the long term
* Some short term memory will turn into long term memory
* If we do not work to make short term memory into long term, we lose the information
* Once we go to sleep, we often lose what is in short-term memory

https://tse1.mm.bing.net/th?&id=OIP.Mf5d5876aa8b5bac810ddbfb51ed7bc4co0&w=299&h=210&c=0&pid=1.9&rs=0&p=0&r=0  Short-term memory in the brain |