

NUMERATE SIDE OF BRAIN EXPLAINED

by:
Adelmo C. Gonzales Jr.
Head Teacher III

In life, we often hear about life advice that we must always follow our hearts because it will make us happy and such, that our heart wants what it wants, however, scientifically speaking, the brain is the most important part of our body (Princeton Brain, Spine & Sports Medicine, 2018). The brain is responsible for every production that our body does. From the smallest body gesture to the biggest release of inner hormones, everything is under monitor by our brain. The brain also has regions; in every part, there are different commands lie in there (Johns Hopkins Medicine). No wonder even mathematics has its own room inside our brains.

Inside our brain, it is like a factory that has different departments. Each part of the brain has respective works to do. For instance, when we talk about math, we feel like we are using all parts of our brain when solving one because it is difficult, however, there are only three parts where mathematics is being processed. The ventral temporal occipital cortex, posterior parietal cortex, and the prefrontal cortex. These three parts are activated when processing a math problem, and in fact, if they are frequently improved, numerical capabilities will also be honed (Hartnett, 2015).

Our brain is very much like a computer. Computer has lots of circuits and electrical signals that transfer the commands that the user enters. After which, it will be processed; hence, a digital computer is commonly compared to the human brain. The brain has lots of nerves that send information to one another. After the information has been processed, an information as well will be sent out to act as a response to the earlier information, Randall O'Reilly affirms (University of Colorado at Boulder., 2006).

It is easy to say that math is a human brain's property just like language. It is complicated and very hard to grasp. It is no brainer that there is more than one part of the brain that is working in order to solve a single mathematical problem. Math is something we grew up with. All our school life, we have been together with math. By the heightening difficulty of math each year level, it improves our mathematical capacities as well (Hartnett, 2015).

Math is not just full of numbers and symbols, it is also filled with critical thinking, reasoning, and logic. With this, it is safe to say that learning math is a benefit for us because it may have just used three parts of our brain, but it definitely increases our total brain power. Without math, our brain may not have achieved this level of cognitive thinking that we have now.

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