**Review of Literature**

The brain is like a supercomputer it is very fragile and can hurt easily and has many parts. Where testing whether boys and girls could memorize things better. ([www.cascience6isp.wikispace.com](http://www.cascience6isp.wikispace.com))

This study considered gender differences in language and working memory skills as a possible explanation for the different rates of progress. ([www.Jowr.org](http://www.jowr.org))

The brain uses its cell and blood activity differs considerably in males and females. There is more going on in resting female brain than in a male brain. (Boys and girls learn differently, pg.11)

The distribution for each grade is on the same line as that normal age mode for that grades. These made should furnish satisfactory standards by which to judge the performance of any subject (some as the normal age mode for that grade. These made should furnish satisfactory standards by which to judge the performance of any subject. (some aspects of the memory span test, pg 15)

This question implies that girls do indeed have better memory than boys and in fact this ain’t necessarily so some people believe that girls brains have connection that girls have better memory. ([www.memoryimprovementnow.com](http://www.memoryimprovementnow.com))

**There is 15–20 percent more neural activity in a girl's brain than a at a given time. Neither the boy's or girl's brain is superior or inferior, but differences in brain activity enable different parts of the female brain to work simultaneously in ways that the male brain does not. The male brain tends to compartmentalize its brain activity into fewer brain centers than the female brain does. A boy's brain "shuts off" ( enters a rest state ) more times per day than a girl's brain tends to do — as a result, boys and girls generally have different approaches to paying attention, visioning their future, completing a task, de-stressing, feeling emotions, relating to others, becoming bored, and even having basic conversations. (**[**http://www.education.com**](http://www.education.com/)**)**

**The brain is an important part of the nervous system. The brain controls the body, emotions, thought and memory. Although the brain controls all bodily functions certain areas are critical for memory itself to function correctly. Short-term memory—the ability to retain a limited amount of information for up to an hour—is found deep in the temporal lobe. Long-term memory comes from exchanges between the medial temporal lobe and the midbrain. (**[**http://www.selah.k12.wa.u**](http://www.selah.k12.wa.us/)

**In general , males are better at spatial tasks involving mental rotation. In general , females have superior verbal skills. Males are far more likely to pursue math or science careers, but gender differences in math are not consistent across nations or ages . It's commonly understood that males have superior spatial ability, while females have superior verbal ability . Males are better at math; females at reading. There is some truth in these generalizations , but it's certainly not as simple as it is portrayed. ( [http://memory-key.com](http://memory-key.com/))**

**The search for brain differences is nothing new; the modern (and more sophisticated) version of this idea has been with us at least since the 1960s, when researchers first discovered that a part of the hypothalamus called the preoptic area, was substantially larger in males than females. Since then, more differences have been found in the topographies of the male and female brain. The search for such variability between the male and female brain has stepped up in the last fifteen years, as imaging technology has made the pursuit easier. (**[**http://brainconnection.positscience.com**](http://brainconnection.positscience.com/)**)**

**Boys and girls can be successful with the same activities, learning the same skills, and understanding the same content. The process of learning may be different, but not necessarily.Females are also better at recognizing different types of emotions in others. (**[**http://www.chadwellconsulting.com**](http://www.chadwellconsulting.com/)**)**

**Short-term memory is the most likely to be damaged by illnesses or drugs. It has a basic limitation and can only hold a certain amount of information at once. The average human has a basic limitation of seven thoughts at one time when not including subconscious tasks needed to keep the body alive. Memory is also not completely connected. Being able to hold an image is independent to being able to remember verbal and visual information. (**[**http://www.selah.k12.wa.us/SOAR/SciProj2005/LizB.html**](http://www.selah.k12.wa.us/SOAR/SciProj2005/LizB.html)**) Memory and learing are both similar. Learning and memory are both needed for humans to live. Memory is a process of recording memory. There is three types of memory: short term memory/working sensory and long-term memory. If we did not have memory our life would be with unconnected moments with new and unfamiliar memories. Events in a short-term memory are forgotten quickly usually lasting for less than an hour, while things that happen in long-term memory can last for many years even up to an entire lifetime, making it possible to recall information and recognize people and places over long periods of time.**

**It has been a long belief that women have better multi-tasking skills than men. Multitasking involves doing several tasks at once, which would involve the use of short term memory. women are better at multitasking than men, it would seem that they would have better short term mem ory as well. After Running male and female subjects into a virtual room environment with pictures and testing their knowledge of the environment, would females also dominate this type of short term memory .Girls has a better memory because girls think more about what going on. Boys do have a good memory but not has how girls has a good memory. Girls have a good memory but there into more stuff and they might talk more than the boys do. (**[**http://andrews.ces.clems**](http://www.google.com/url?q=http%3A%2F%2Fandrewd.ces.clemson.edu%2F&sa=D&sntz=1&usg=AFQjCNFsFTNzGbtUZdJABd1tknWNrnB9iA)**)**