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The main parts of the brain involved with memory are the amygdala, the Page 19/28

hippocampus, the cerebellum, and the prefrontal cortex (). The amygdala is involved in fear and fear memories.

Parts of the Brain
Involved with Memory
Introduction to ...
Without the brain, both
learning and memory
would be impossible.

The Relationship
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Between Learning And Memory | Betterhelp Hippocampus is the main region of the brain involved in memory processes. Female brain, computer artwork. When it comes to storing or making a memory Hippocampus is involved.

Memory & The Brain | Where Is It Stored & Page 21/28

How Is It Used? The human brain is a learning machine. Thanks to a phenomenon called neuroplasticity, the brain learns in a range of ways and in many different circumstances, including in the classroom.

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Learning and memory are fundamental brain functions affected by dietary and environmental factors.

Enhancement of learning and memory by elevating brain ...
While the cellular and molecular mechanisms of learning and memory have long been a central Page 23/28

focus of neuroscience, it is only in recent years that attention has turned to the epigenetic mechanisms behind the dynamic changes in gene transcription responsible for memory formation and maintenance. Epigenetic gene regulation often involves the physical marking (chemical modification) of DNA Page 24/28

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in human memory:
Encoding Transforming
information into a form
that can be stored in
memory. Storing
Maintaining the
encoded information in
memory.

The Role Of Memory
In Learning: How
Important Is It ...
The hippocampus is also associated with learning
Page 26/28

and memory. Blood cells the missing link in post-exercise boost. The creation of new brain cells, or neurons, is commonly known as neurogenesis, and begins when a neural stem cell divides and multiplies, or proliferates, into progenitor cells – which then mature into new, functional neurons. Page 27/28

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