



# THE HIPPOCAMPUS

## LIMBIC SYSTEM



The Hippocampus is a part of the limbic system which also contains the amygdala-- involved in our experience of emotion and tying meaning to memories-- and the hypothalamus-- regulates homeostatic processes. The limbic system processes emotion and memory.

## DECLARATIVE MEMORY

### Explicit memory



Declarative memory aids in storing long-term memory. Including facts and events. To recall this information conscious effort is needed.

## SPACIAL RELATIVE MEMORY



Stored in the right of the hippocampus is the spatial relationship memory. These memories involve pathways and/or routes and to remember where an object is located.

## HOW DAMAGE TO THE HIPPOCAMPUS AFFECTS YOUR MEMORY?



When the hippocampus is harmed an individual will have difficulty acquiring new knowledge and remembering previous knowledge. One example of this is Alzheimer's disease. The hippocampus is one of the first areas affected by Alzheimer's disease. The result of that is losing your memory making it hard to function as it progresses.