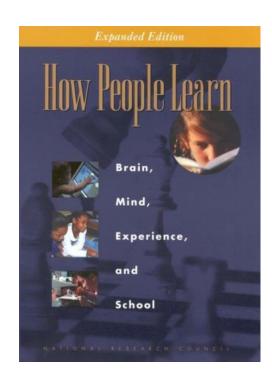
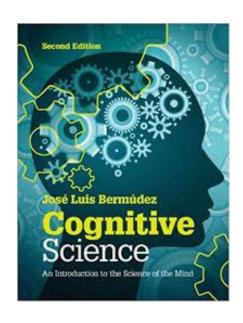
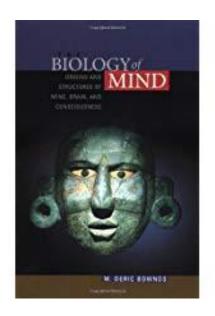
Mind and Brain

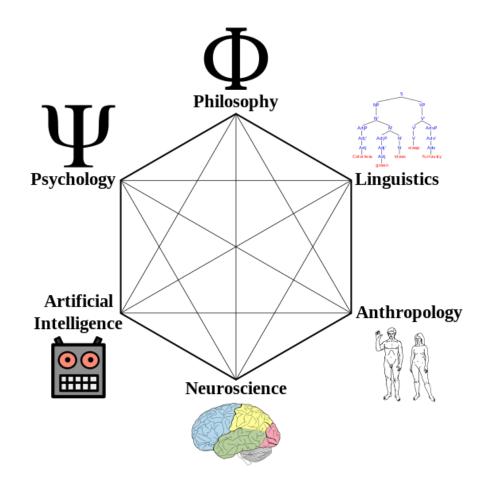
HCI 530 with Heather Rohr

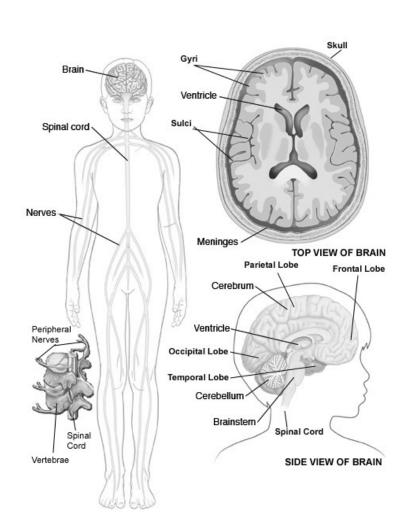




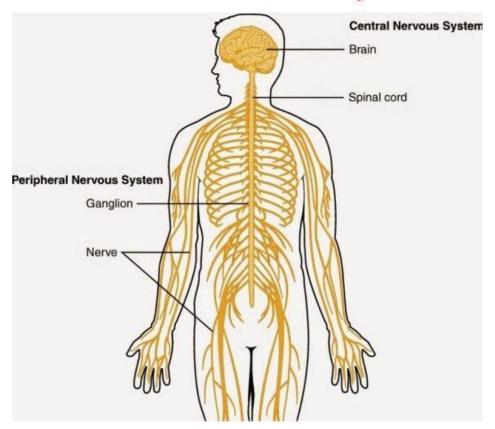


Cognitive Science



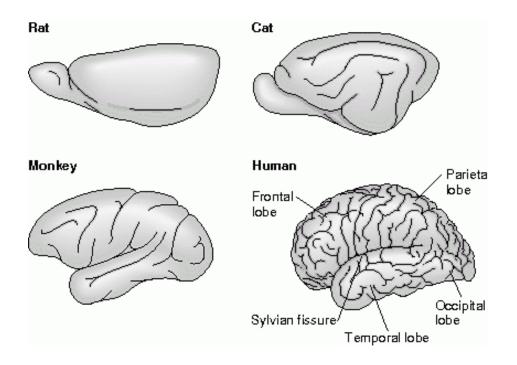


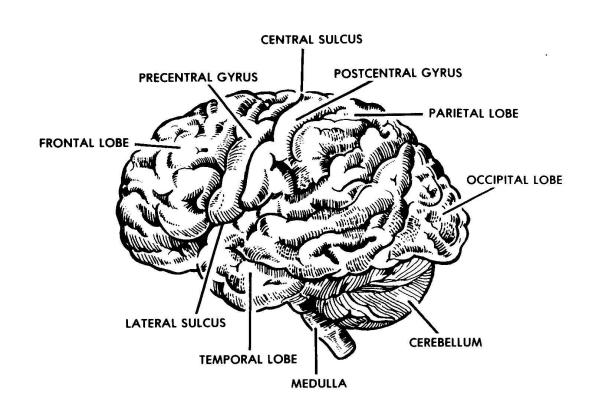
Central Nervous System



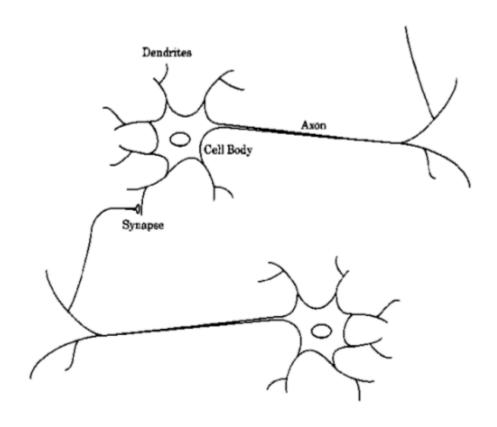
Borrowed from "The Student Science" (online)

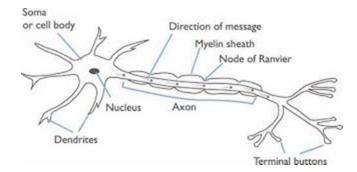
Different animal brains

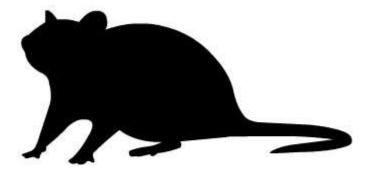




Schematic drawing of biological neuron







Vector images from : © harboarts.com/artwork

Activity

- Get paper ready in a moment
- (I will read off a list)

Activity —list of words

- Sour
- Candy
- Sugar
- Bitter
- Good
- Taste
- Tooth
- Knife
- Honey
- Photo
- Chocolate
- Heart
- Cake
- Tart
- Pie

Activity –list of words

- Sour
- Candy
- Sugar
- Bitter
- Good
- Taste
- Tooth
- Knife
- Honey
- Photo
- Chocolate
- Heart
- Cake
- Tart
- Pie

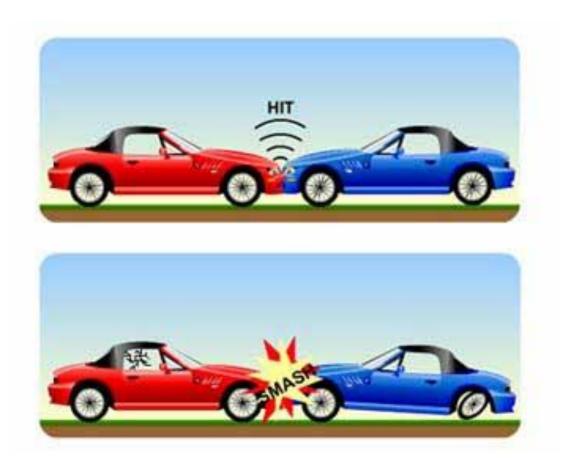
* The word "sweet" was not on the list

False memory



Dr. Elizabeth Loftus at a TED Talk

When words influence a "false" memory



(Simply Psychology)

Elizabeth Loftus

The Misinformation Effect & Expert Testimony

Due to TV and misconceptions and different portrayals of flashbacks and remembering, people often believe that memory is something that is stored like a video and then re-watched, however, each time something is remembered the brain rebuilds the experience, making it different each time as the memory slowly loses accuracy. Not only is this frightening to people, as it sould be as not being able to trust one's recollection, but also it means that memory can be influenced in different ways.





Several weeks after a car accident, many people had trouble recalling if signage was stop or yield. This was further influenced by the language choices researchers made while asking people questions.

Loftus conducted research at University of Washington and realized the legal significance of this power and how it could effect eyewitness testimonies, and presented and published her study.



memory experienced and stored. if traumatic or of significant importance- immediately copied into long term memory.



time elapses.



memory is recalled.
It has been aftered in the recollection process and is different from the first experience, the afteration if the memory is stored.

REPEAT.



