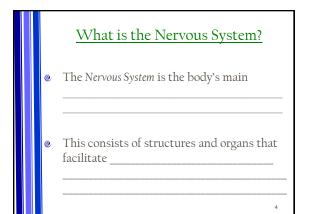


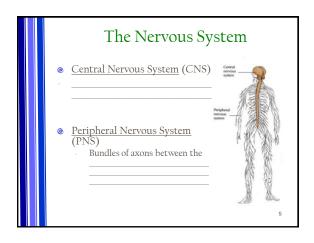


- What is APA style?
- What is the Nervous System?
- What are the 3 divisions of the brain?

# What your citation should look like

Murray, B. (2000). Teaching students how to learn. *Monitor on Psychology*, Vol. 31 (8), pp. 64-68.







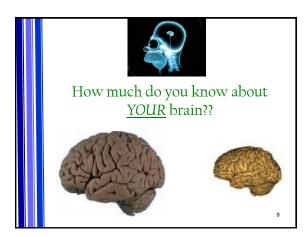
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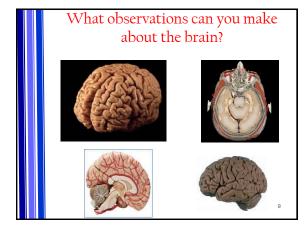
from the sensory organs, muscles and glands to the brain.

• The spinal cord is like a **communication superhighway** between the brain and the rest of the body.

### How does the spinal cord communicate?

- Communicates with the body below the head through \_\_\_\_\_
- Sensory neurons
  - Carry information about touch, pain, and other senses from the periphery of the body to the spinal cord
- Motor neurons
  - Transmit impulses form the central nervous system to the muscles and glands



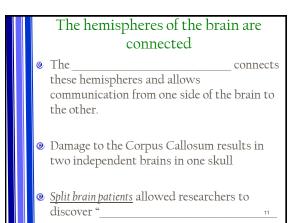


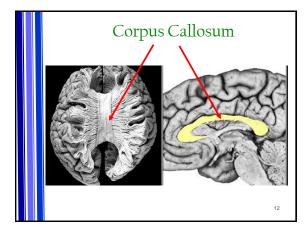
## Looking at the Brain

#### • The brain is divided into 2 hemispheres

10

Right and left hemispheres





## Split Brain Research

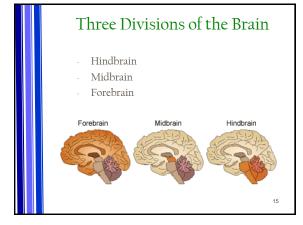
 This research showed that each hemisphere of the brain is <u>specialized</u>

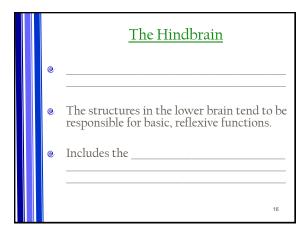
The \_\_\_\_\_\_ is associated with musical ability, spatial and drawing tasks

• The \_\_\_\_\_\_is associated with speech and language.

13

"Does bigger mean smarter?"

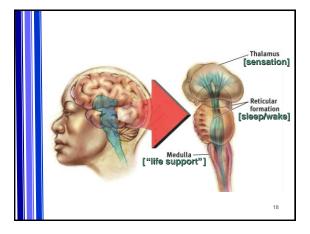




## The Hindbrain



- <u>The Medulla</u> is the \_\_\_\_\_\_ and lowest portion of the hindbrain (Part of the brain stem).
  - It controls basic body functions-





- <u>Pons</u>- provides link ("bridge")between the medulla and the cerebellum and rest of brain
- <u>Cerebellum</u>- "Little brain" attached to back surface of brain stem.

- Influences\_\_\_\_\_
  - Allows you to walk a straight line

