

Central Nervous System:

brain and spinal cord

1. Cerebral Cortex

1a. frontal lobe- front section of the cerebral cortex associated with higher reasoning, voluntary body movements and speech.

1b. temporal lobe- bottom section of the cerebral cortex associated with memories and the perception of sounds and language.

1c. parietal lobe- middle section of the cerebral cortex associated with the perception of touch, pressure and pain.

1d. occipital lobe- back section of the cerebral cortex associated with visual perception.

2. Cerebellum- controls balance and coordination of body movements

3. Brain Stem- controls breathing, blood pressure, heart rate and other involuntary vital functions of the body

4. Spinal Cord- transmits signals between the brain and the rest of the body

