

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.

