

## 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

