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| **Region of the Brain** | **Location** | **Primary Function** | **Responsible For** |
| Cerebrum | Over and around most of the brain structures; covers uppermost part of the brain; anterior portion of the forebrain and superior to other brain structures | Determining intelligence, personality, thinking, perceiving, understanding language, interpreting sensory impulses, motor functions, planning and organization, touch sensation | Pretty much everything |
| Frontal Lobe | Under the forehead | Controls planning, reasoning, movement, and some aspects of speech; largest of the cerebrum’s 4 lobes | Problem-solving, planning, parts of speech, motor control, emotions, reasoning |
| Parietal Lobe | Top of the head | Receives data from the skin, such as: temperature, pressure, pain and the position of the body in space | Interprets sensory information: taste, smell, touch, and spatial orientation |
| Occipital Lobe | Back of the head and above the cerebellum | Processes and interprets sensory information from the eyes; often called the visual cortex | Vision |
| Temporal Lobe | Above the ears | Performs hearing, speech perception, and some kinds of memories; centers for spoken language lie in the left temporal lobe | Organizes sensory input, auditory perception, language and speech production, memory storage |
| Cerebellum | Between the brain stem and the rear of the cerebrum | Controls posture, balance, coordination; can take over learning and physical skills | balance |
| Brain Stem | Middle of the brain | Oldest and most basic brain region; controls essential survival functions such as: breathing, heartbeat, and manages walking, digestion, body temperature, and elimination of waste; maintains life without conscious thought | Heart rate, blood pressure, body temperature, sleep |