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Neuroanatomy/physiology

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| **Across**  **4.** A limbic structure that plays a role in memory  **7.** Area of the temporal lobe where auditory information is first processed  **9.** A type of dysarthria that results in muscular weakness and flaccidity  **11.** A ridge of the cerebral cortex  **12.** Nuclei within the cerebrum that are involved in the initiation and termination of movement | **Down**  **1.** A structure that connects the two hemispheres of the brain  **2.** A speech disorder resulting from damage to the motor strip of the frontal lobe, characterized by muscular weakness and difficulty producing speech  **3.** Areas that combine information (for example visual information and sensory information) from different brain centers  **5.** The part of the brain or spinal cord that is made up of cell bodies  **6.** A structure of the brain that uses sensory information to coordinate appropriate motor movement  **8.** An area of the frontal lobe responsible for the motor control of speech  **10.** The lobe of the brain responsible for motor planning and cognitive functions |