|  |
| --- |
| MAJOR PARTS OF THE BRAIN AND THEIR FUNCTIONS  |

|  |  |  |  |
| --- | --- | --- | --- |
| **TERM** | **KEYWORD** | **MEANING** | **YOUR MENTAL PICTURE** |
| Broca’s area | broken | directs muscles for speech production | Imagine *breaking* a talking doll. If it gets *broken* (Broca), it won’t *talk* (speech) anymore.  |
| parietal lobe | parent | sense of touch | Imagine that a *parent* (parietal) is touching his or her baby’s forehead to feel if the baby has a temperature. |
| hypothalamus | hypochondriac | hunger and thirst | Imagine a *hypochondriac* (hypothalamus) thinking they’re *hungry and thirsty* when they’re not! |
| cerebral cortex | cereal court | judgment  | You and a friend have a dispute over a box of cereal. So you go to *cereal court* (cerebral cortex) and face a judge (judgment). |
| amygdala | Armageddon  | aggression and fear | In the Bible, *Armageddon* (amygdale) is the final battle between good and evil. Battles are full of *aggression* and *fear.* |
| frontal association areas | front | impulse control | Imagine a student losing patience and crowding to the *front* (frontal) of the line. He has lost impulse *control.* |
| corpus callosum | corpse | connects the two cerebral hemispheres | Imagine a tiny *corpse* (corpus) *lying across* (connecting) the two cerebral hemispheres. |
| left hemisphere | left field | handles language | Imagine a ballplayer in *left* field talking (language) continuously during a game (for example, “swing batter, swing batter,” etc.) |
| temporal lobes | tempera paints | hearing | Imagine someone painting *tempera* paints (temporal) all over their *ears* (hearing) “These ears aren’t painted on,” she says! |
| hippocampus | hippo  | memories  | Imagine a *hippo* (hippocampus) wearing an elephant trunk as a Halloween costume. “It *helps my memory!”* he says.  |