

# ANATOMY OF THE HUMAN BRAIN

## Major Lobes and Primary Functions

### [ LATERAL VIEW DIAGRAM ILLUSTRATION ]

#### **FRONTAL LOBE**

Executive functions, decision making, motor control, personality, and expressive language.

#### **PARIETAL LOBE**

Processing sensory information including touch, temperature, pain, and spatial orientation.

#### **TEMPORAL LOBE**

Auditory processing, memory acquisition, and language recognition.

#### **OCCIPITAL LOBE**

Primary visual processing center of the mammalian brain.

#### **CEREBELLUM**

Coordination of voluntary movements, balance, posture, and motor learning.

#### **BRAINSTEM**

Regulation of heart rate, breathing, sleeping, and eating (autonomic functions).

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