

Lobes of the Central Cortex

1. Label the 4 areas of the cerebrum
2. Label the central sulcus
3. Cut out the following statements and then glue them into their correct location in the brain.

Vision



Behavior

Pain, pressure, touch

Abstract thought processes

I laugh, cry, smile, feel happy

I know the names of all the planets

I have a unique identity

I hear a bird chirping

The stove felt hot

Reflection, judgement

I see my surroundings

I feel the sun on my face

Memory, hearing

This lobe regulates memory creation, memory storage, hearing and on the left lobe, understanding language (Wernicke's area). It is also involved in organization and sequencing.

This lobe receives and processes somatosensory information (pain, pressure and touch) from the body to create a map of the body's position in space and a map of body parts in relation to other body parts.

This lobe is the last to fully develop in young adulthood. It controls responses to complex problems through reasoning, judgement, decision making and planning.

It guides appropriate behavior and is the seat of our sense of self-awareness and personality. Portions of this lobe also play key roles in language formation (speech and writing in Broca's area) as well as voluntary body movements. Emotional expression

This lobe receives and processes visual information (light, color, movement) and then sends it to other parts of the brain for further processing and storage

