

**Somatomotor
association area**
(premotor cortex)

Primary motor cortex
(precentral gyrus)

**Central
sulcus**

Primary sensory cortex
(postcentral gyrus)

**Prefrontal
coretx**

**Somatosensory
association area**

**Visual
association
area**

Broca's area
(production of speech)

**Primary
visual
cortex**

**Auditory
association area**

Wernicke's area
*(understanding of
speech)*

**Primary
auditory cortex**

Brainstem

Cerebellum

