Left-Hemisphere Dominance

GENERAL FUNCTION

Right-Hemisphere Dominance

Words letters

VISION

Geometric patterns
Faces
Emotional expression

Language sounds

HEARING

Nonlanguage sounds
Music

Verbal memory

MEMORY

Emotional tone of speech

Speech
Grammar rules
Reading
Writing
Arithmetic

LANGUAGE

Nonverbal memory

Spatial Ability

Geometry
Sense of direction
Distance
Mental rotation of shapes