

SITE	BRODMAN'S AREA	FUNCTION
Fpz	10 (11)	Poor Response Inhibition Ventro Medial Forebrain Bundle - Emotional Inhibition
Fp1	10 (11, 46)	Verbal, Episodic Retrieval Visual Working Memory
Fp2	10 (11, 46)	Face & Object Processing - Emotional Inhibition, Verbal Episodic Memory
F7	45 (38, 44, 46)	Visual & Auditory Working Memory BA 46 Divided & Selective Attention Broca's Area - Semantic Short-Term Buffer
F8	47 (10, 46, 45)	Working & Visual / Spatial Memory (Short Term Buffer) Face Processing, Emotional Processing, Sustained Attention BA 45
F3	8, 9 (46, 45, 44, 11, 8)	Verbal Episodic Retrieval, Object Processing Emotional Interpretation (Some Facial Recognition) Poor Response Inhibition - BA 9
F4	8, 9 (46, 45, 44, 11, 8)	Verbal Episodic Retrieval, Semantic Retrieval - BA 8 Sustained & Selective Attention - BA 8 Vigilance Area, Impulse Control
Fz	8, 9	Anterior Cingulate, Internal vs External Attention - Most Active During Internal Attention Processing Personality Changes
C3	4, 3 (6, 5, 7, 40)	Sensory Motor Functions Short Term Memory - BA 40
Cz	4, 3, 12	Basal Ganglia (Thalamic Efferents VA) Substantia Nigra (Thalamic Efferents VL)
C4	4, 3, (6, 5, 7, 40)	Sensory & Motor Functions Short Term Memory - BA 40
T3	21 (22, 20, 52, 38)	Language Comprehension - BA 22, Inner Voice Wernicke's Area, Declarative Memory Long Term Memory - Amygdala / Hippocampal Area
T4	21 (22, 20, 52, 38)	Personality - BA 21, 38 Categorization & Organization Auditory Cortex - Music Processing
T5	37 (21, 22, 39, 19)	Short-Term Memory - BA 37, Inner Voice Angular Gyrus - Meaning Construction
T6	37 (21, 22, 39, 19)	Long-Term Memory - BA 21, Facial Recognition - Emotional Content
P3	7 (39, 40, 19, 7)	Acalcula - BA 39 Angular Gyrus - Meaning Construction
Pz	7 (5,19)	Agnosia, Apraxia - BA 7 Attentional Shifting Area - Perseverance
P4	7 (5,19)	Visual - Spatial Sketch Pad, Vigilance
O1, O2	18 (19)	Visual Processing, Procedural Memory, Dreaming
Oz	17 (18, 19)	Visual Processing Hallucinations