### **OVERVIEW OF BRAIN FUNCTIONS AND PROBLEMS**

## **Outside View Of The Brain**

#### **Prefrontal Cortex**

Functions

**Functions** 

Mood stability

Temper control

Read social cues

Spiritual experience

Rhythm, music

Memory

Language

Listening

Reading

Attention Judgment Planning Impulse control Follow through Empathy Problems Inattention Poor judgment Lack of forethought Impulsive Procrastination Lack of empathy

Problems

Anger

Forgetfulness

Poor reading

Poor social skills

Rhythm problems

Unusual experience

Moodiness, irritability

Trouble finding words

Processing problems

**Temporal Lobe** 

### **Parietal Lobe**

#### Problems

Direction sense Reading maps Sense of touch Sees objects in space (catches a ball)

Functions

Gets lost easily Poor map reading Oversensitive to light, touch, or sound

#### **Occipital Lobe**

**Functions** Vision Seeing in 3D Sees color Sees lines

#### **Problems** Vision problems Visual distortions Color blindness Visual hallucinations

### Inside View of the Brain

#### **Deep Limbic System Anterior Cingulate Gyrus** Problems Functions Functions Problems Mood control Depression Gear shifter Gets stuck, worries Motivation Poor motivation Rigid Flexibility Attitude Poor attitude Cooperation Argumentative Appetite/sleep Sleep/appetite issues Go with the flow Oppositional Bonding Tends to isolate See options Addictions Sense of smell Lack of smell Error correction Obsessions or Libido Negativity, guilt compulsions Hopelessness Cerebellum **Basal Ganglia** Functions **Problems** Functions **Problems** Coordination Poor coordination Sense of calm Tension, nervousness Motor control Poor motor control Anxiety/panic Sets anxiety level Posture Unstable posture Movement Tremors/tics Organization Disorganization Mediates pleasure Conflict avoidance Judgment Poor judgment Predicting the worst Speed of thought Slow thinking, slow speech, and slow walk

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