# www. The Power of Brainwaves www.

The brain is a complex network of billions of cells called neurons that communicate with one another via electrochemical impulses. The frequency (speed) of these brainwaves influences every thought, memory, feeling, idea, action and sensation you have..

#### **The 5 Brainwave Patterns**

(Hz = cycles per second)



## Gamma MMMMM 30-100 Hz

- · Feelings of empathy and compassion
- Feelings of contentment and peace
  - · Heightened sensory sensitivity
    - · Feelings of loving-kindness
      - Feeling of bliss and joy



Beta 111-29.9 Hz

- Concentration
- Attentiveness
- Fight-or-flight
  - Alertness
  - Arousal



### **Alpha** ...... 8-13.9 Hz

- The super-learning state
  - Accessing memories
  - · Clear, calm thoughts
  - · Increased serotonin
    - Reduced anxiety



#### Theta MANAGE 4-7.9 Hz

- Creative inspiration ("ah-ha!" moments)
  - · Feelings of "oceanic oneness"
  - Hypnagogic (twilight) imagery
    - · Access to the unconscious
    - · "Outside the box" thinking



### Delta .1-3.9Hz

- · Cathartic release of unresolved emotions
  - Production of human growth hormone
    - Suspended external awareness
      - Kundalini-like experiences
        - · Very deep relaxation

