Music and the brain

Playing and listening to music works several areas of the brain

Corpus callosum:

Connects both sides of the brain

Motor cortex: Involved in movement while dancing or playing an instrument

Prefrontal cortex:-Controls behavior, expression and decision-making

Nucleus accumbens and amygdala: Involved with emotional reactions

to music

Sensory cortex:

Controls tactile feedback while playing instruments or dancing

Auditory cortex: Listens to sounds; perceives and analyzes tones

Hippocampus: Involved in music memories, experiences and context

Visual cortex: Involved in reading music or looking at your own dance moves

in movement while dancing or playing an instrument, as well as emotional reactions