

Soubor:Music-and-brain.jpg

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

Cerebellum:

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

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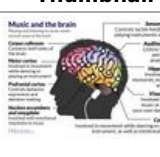
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- Muzikoterapie

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