

Table 4.1: Comparison of Brain-Compatible Instructional Strategies to Learning Theory

Brain-Compatible Strategies	Multiple Intelligences	Visual, Auditory, Kinesthetic, Tactile (VAKT)
Brainstorming and discussion	Linguistic	Auditory
Drawing and artwork	Spatial	Kinesthetic/tactile
Field trips	Naturalist	Kinesthetic/tactile
Games	Interpersonal	Kinesthetic/tactile
Graphic organizers, semantic maps, and word webs	Logical-mathematical	Visual/tactile
Humor	Linguistic	Auditory
Manipulatives, experiments, labs, and models	Logical-mathematical	Tactile
Metaphors, analogies, and similes	Spatial	Visual/auditory
Mnemonic devices	Musical	Visual/auditory
Movement	Bodily-kinesthetic	Kinesthetic
Music, rhythm, rhyme, and rap	Musical	Auditory
Project-based and problem-based learning	Logical-mathematical	Visual/tactile
Reciprocal teaching and cooperative learning	Linguistic	Auditory
Role-plays, drama, pantomimes, and charades	Bodily-kinesthetic	Kinesthetic
Storytelling	Linguistic	Auditory
Technology	Spatial	Visual/tactile
Visualization and guided imagery	Spatial	Visual
Visuals	Spatial	Visual
Work study and apprenticeships	Interpersonal	Kinesthetic
Writing and journals	Intrapersonal	Visual/tactile

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