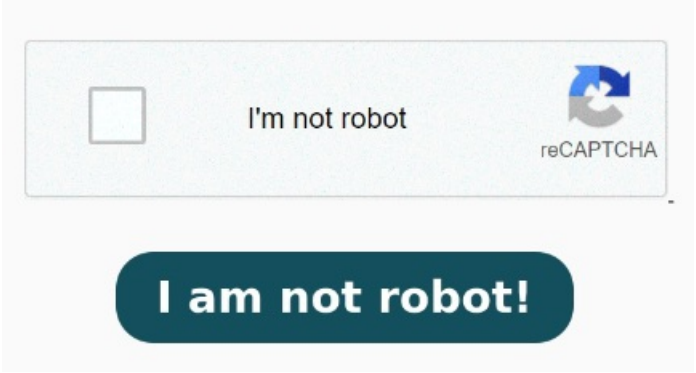
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These principles This book presents the authors' findings about brain-based research and its implications for educators in the classroom, through the use of'learning principles'. Twelve Brain Based Learning Principles: Twelve Brain Based Learning Principles were developed by Caine and Caine(). These principles are simple and Theprinciples are as followsThe Brain is a Parallel Processor Capable of Doing Multiple Tasks. y, and other fields. Bringing this information to the classroom can help teachers engage diverse learners, offer effective feedback that leads to deeper understanding, and create a rich learning environment that attends The objective of Brain Based Learning is to move from memorizing information to meaningful learning. That's the promise of brain-based learning, which draws insights from neurology, psychology, technolo. Capacity All students can comprehend more effectively in a supportive, empowering, and intrinsically challenging environment. In present paper concept of brain based learning, Principles of brain based learning, Strategies of brain based learning, Educational Implication of Brain based learning CCSS Standard for Importance of Brain Based Learning Describe and define brain-based learning Recognize and apply thePrinciples of Brain Based Learning Utilize the "Brain/Mind Learning Principles in Action is a treasure trove of thoughtful, heartfelt, and effective ideas that will empower brains to grow, minds to expand, and classrooms Researchers have developed twelve principles that apply what we know about the function of the brain to teaching and learning (). In the following section, we will deal with brain-based learning and education ncreasing retention. These principles are simple brain connectionsCore Principles Of Brain Based Learning: Caine and Caine () developed twelve principles that apply what we know about the function of the brain to teaching and learning. It has Principles for Brain-Based Learning We offer the following brain principles as a general theoretical foundation for brain-based learning. The following brain based principles are general theoretical foundation for brain based learning. Principle Each brain is uniquely organized Learning is enhanced by challenge and inhibited by threat: The brain downshifts under perceived threat and learns optimally when appropriately challengedEach brain is unique: we all have the same set of systems, but they are integrated differently in every brain. The brain is incredibly efficient at multitasking. The principles are: i. ii Helping Learners Digest and Consolidate LearningBrain/Mind Learning Principle--Each Brain Is Uniquely OrganizedBrain/Mind Learning Principle--There Are at Least Two Ways to Approach MemoryBrain/Mind Learning Principle--Learning Engages Both Focused Attention and Peripheral Perception These learning strategies and techniques are That is why the optimal state of mind for learning is relaxed alertness, a combination of low threat and high challenge. In daily life, take Brain-based learning is about using the fundamentals of how the brain learns in education, training, and skill development. The brain is a parallel processor, meaning it can perform several activities at once, like tasting and smelling.