

Chapter 2

Bridging Brain-Based Teaching/Learning Strategies with GenAI-Enabled Tools – Marjorie H. Haley and Sherry S. Steeley

BBTL Resources - Here are three short articles, some of which have brief videos embedded and one YouTube:

- “7 Brain-based Learning Strategies” - takes only 8 minutes to read. All 7 strategies are designed to motivate students. The strategies include the use of color or music, movement, and the importance of student-centered instruction.
<https://www.hmhco.com/blog/brain-based-learning-strategies>
- “How Brain-based learning makes a difference” – This article briefly describes how teachers can guide students to develop metacognitive skills, i.e., thinking about thinking, and help them recognize the need for interaction in learning.
<https://www.theedadvocate.org/how-brain-based-learning-makes-a-difference/>
- “How to use Brain-based learning in the classroom” – The author succinctly outlines how to get started using brain-based learning; lists the benefits; provides compatible learning strategies; and includes tips for implementing brain-based learning into any curriculum.
<https://www.waterford.org/blog/brain-based-learning/>

YouTube

- “What is Brain-Based Learning?” – this video explores in under 6 minutes the impact of neuroscience and brain-based teaching and learning. It mentions the importance of individual learning patterns and how the brain functions and changes while learning. The use of vivid samples makes this an engaging and interesting experience.
<https://www.youtube.com/watch?v=Y9eb3T2QaE8>