

## 8Recommendations from the Science of Learning

- 1. Engage all the senses.
- 2 Engage the mind, heart (emotions), and body (movement).
- 3 Fostervell-being for the body & mind with sleep, rest, nutrition, hydration, & exercise.
- 4 Support learners in managing stress, threats, oppression, &fear: Don't add to them
- 5 Foster intrinsic motivation through meaning relevance, rigor, and by celebrating progress.
- 6 Encourage focused attention (mindfulness not multitasking) in short spurts with lots of breaks.
- 7. Encourage doing and reflecting in an ongoing cycle. Praxis.
- 8 Cultivate positive emotions and social connections.

Blog Post by Keith Edwards, 8 Tips from Neuroscience for Teachers and Learners of All Kinds

Bresciani Ludvik, M. J. (2016). The neuroscience of learning and development: Enhancing creativity, compassion, critical thinking and peace in higher education. Sterling Vinginia: Stylus.

Doyle, T., & Zakrajsek, T. (2018). The newscience of learning Howto learn in harmony with your brain (Second edition ed). Sterling VA: Stylus.

Jensen, E. (2008). Brain based learning: The new paradigmof teaching (2nd ed.). Thousand Oaks, CA: Corwin Press.

Medina, J (2014). Brain rules (updated and expanded): 12 principles for surviving and thriving at work, home, and school Seattle, Walle ntthriviero M