Why Neuroeducation Matters: The Brain-Targeted Teaching® Model for 21st Century Learning

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www.braintargetedteaching.org

Presentation Description:

Emerging research in the neurological and cognitive sciences offers promising possibilities to inform and enhance the teaching and learning process. Translating this research to practice, however, is often challenging for those who seek to apply important research findings to instructional planning and delivery. This presentation presents major themes of neuroeducation, dispels neuromyths, and provides a framework, the Brain-Targeted Teaching model, that provides a coherent approach to bridging research to practice. Presentations are geared toward teachers, trainers, leaders, coaches, and any professional who instructs children or adults in educational and other organizational settings.

WORKSHOP OBJECTIVES:

- Describe themes from the learning sciences that informs instruction across all levels of learning from early childhood to adult learners
- Identify commonly held misapplications of neuroscience research (neuromyths).
- Describe how emotional and physical learning environments significantly affect learning.
- Design learning environments and instructional strategies informed by the learning sciences in any content area focused on instructional design based on "big picture" visual thinking; mastery and retention of content, skills, and processes; application and extension of knowledge through creative problem solving; and evaluation of learning through formative assessments and feedback techniques.
- Implement and assess learning units or training programs with the use of strategic planning tools of observation and feedback of performance standards.