

Neurodevelopmental Teaching

Online course

This course makes use of the most recent research findings related to the brain and learning and applies the neurodevelopmental approach to teaching. Participants will explore causes for student learning challenges including stress, poverty and other environmental concerns, as well as individual learning differences. We will use the neurodevelopmental framework which includes eight broad neurodevelopmental categories, or *constructs* (attention, higher order cognition, language, memory, neuromotor, social cognition, spatial ordering and temporal sequential ordering) to identify strategies to support all learners. We will also utilize a collaborative practice to look at student work samples to understand why specific students struggle. Participants will examine teaching practices in metacognition, creating a growth mindset, Universal Design and Understanding by Design and will create lesson plans for use in their own classrooms.

*Please purchase and read the following Texts before our meeting in July.

Levine, Mel. D. MD. (2002). *A Mind at a Time*. NY: Simon and Schuster. ISBN# 0-7432-0223-6

Sousa, David. (2011). *How the Brain Learns*. 4th Edition. CA: Corwin Press. ISBN: 9781412997973 (or 5th Edition which is out now, but more expensive). Either edition is acceptable.

** Bring a sample of student work to look at with the group (ideally, a sample from a student you will have next year). Any written work, math homework, art work, class quiz or test is acceptable. If you have a video of the child reading, that is also a great choice. Any questions or concerns please contact Beth Reed, email beth12164@yahoo.com or call/text (802) 299-8293.

Elizabeth (Beth) Reed, holds a Master's Degree in Education from Plymouth State University. Over the last thirty plus years she has worked with students from pre-K through graduate school, as a preschool teacher, childcare director, special education learning assistant, teacher and college instructor. For thirteen years, at the Center for School Success (CSS) Beth served as a Senior Learning Specialist on a trans-disciplinary educational assessment team. Beth also created and facilitated professional development courses for teachers, clinicians and administrators, as well as workshops for parents while at CSS. Beth has been adjunct faculty at Granite State College for 18 years and has also been adjunct faculty for Plymouth State University, University of New Hampshire, Southern New Hampshire University and Community College of Vermont.