



EIHSC 2009
Brain Based Learning/Teaching Workshop

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Brain based learning-
Why does it matter?

Engagement-Activating learner involvement
Strategies-how to reach student/reach concepts
Principals-Derived from Neuroscience

Engagement/Activating Learner involvement

Attention-is it what you think?
Does child have buy in?/ Choices for child/ Giving choices focuses attention
Investment motivates/engages
Adds to child's body of knowledge/expertise

Strategies

Should be developmentally appropriate/example: more concrete for younger children
More concrete for those with ADHD/LD
Should require child to do something/make change in brain

Principals-Derived from Neuroscience

Well worn paths-faster more and accurate access
Development-neurons, frontal lobe, development proceeds from back to front and bottom up
Experience alters brain-brain is plastic and changes throughout lifespan

Different Brains, Different Learners: How to Reach the Hard to Reach by Eric P.

Deeper Learning: 7 Powerful Strategies for In-Depth and Longer-Lasting Learning by Eric P. Jensen and LeAnn Nickelsen

Introduction to Brain-Compatible Learning by Eric P. Jensen

Brain-Based Learning: The New Science of Teaching and Training, Revised Edition by Eric P. Jensen

Brain-Based Learning: The New Paradigm of Teaching by Eric P. Jensen

Brain-Compatible Strategies by Eric P. Jensen

Super Teaching: Over 1000 Practical Strategies by Eric P. Jensen