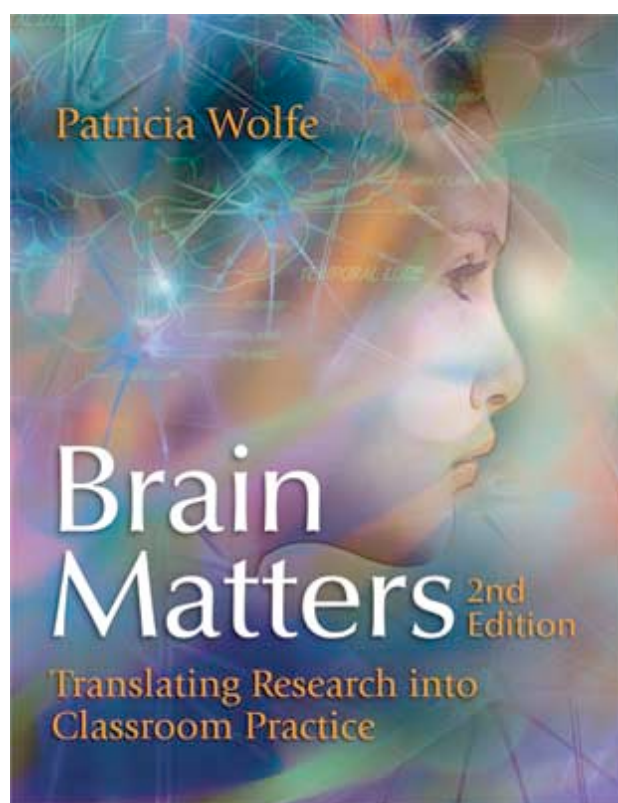


Hawker Brownlow Education

Brain Matters: Translating Research into Classroom Practice, 2nd ed

Author: Patricia Wolfe

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Summary:

This book explains the science behind brain anatomy and physiology, bringing the biology of the brain into context with teaching and learning. This essential information is delivered in clear, everyday language that any teacher can immediately incorporate into classroom practice. Wolfe describes how the brain encodes, manipulates and stores information, and she proposes implications that recent research has for practice—why meaning is essential for attention, how emotion can enhance or impede learning and how different types of rehearsal are necessary for different types of learning.

This book also introduces and examines practical classroom applications and brain compatible teaching strategies that take advantage of simulations, projects, problem-based learning, graphic organisers, music, active engagement and mnemonics. These strategies are accompanied by actual classroom scenarios that help teachers connect theory with practice.

Supporting Resources:

- *Building the Reading Brain* (CO9210)
- *How the Brain Learns* (CO0965)
- *Mind, Brain & Education: Neuroscience Implications for the Classroom* (SOT7580)

**Hawker Brownlow**
EDUCATION
PO Box 580
Moorabbin VIC 3189
Tel: +61 3 8558 2444
Fax: +61 3 8558 2400
Web: www.hbe.com.au
Email: orders@hbe.com.au