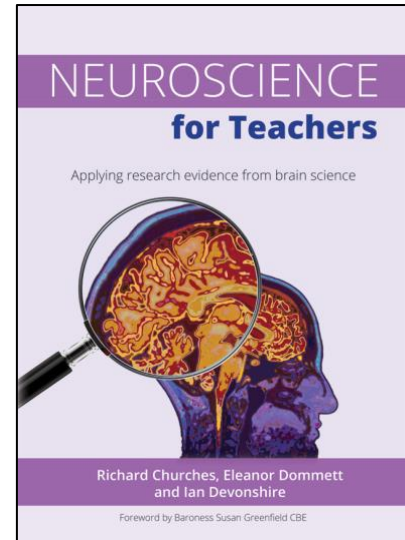# Neuroscience for Teachers: Applying Research Evidence from Brain Science

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Summary

In *Neuroscience for Teachers* two neuroscientists and a leading education writer expertly unpack, in an easy-to-read and instantly usable way, the latest research on the things that will help your learners to learn better.

As the field of neuroscience uncovers more of nature's secrets about the way we learn – and further augments what we already know about effective teaching – this book advocates using more efficient pedagogies rooted in a better understanding and application of neuroscience in education, and shares up-to-date information in relation to:
- the nature of learning and types of memory
- how the right emotional climate boosts learning
- catering for individual differences and special needs
- improving learners' metacognitive powers
- exposing learners to desirable difficulties
- understanding the developing teenage brain.

With its worked examples and suggestions as to how to enhance personal effectiveness and improve classroom delivery, *Neuroscience for Teachers* provides accessible, practical guidance on what every teachers needs to know about the brain and how we really learn – and what that suggests for how they should teach.

Other Resources

- *Smarter Teacher Leadership: Neuroscience and the Power of Purposeful Collaboration* (TCP4179)
- *The Power of the Adolescent Brain: Strategies for Teaching Middle and High School Students* (116017)