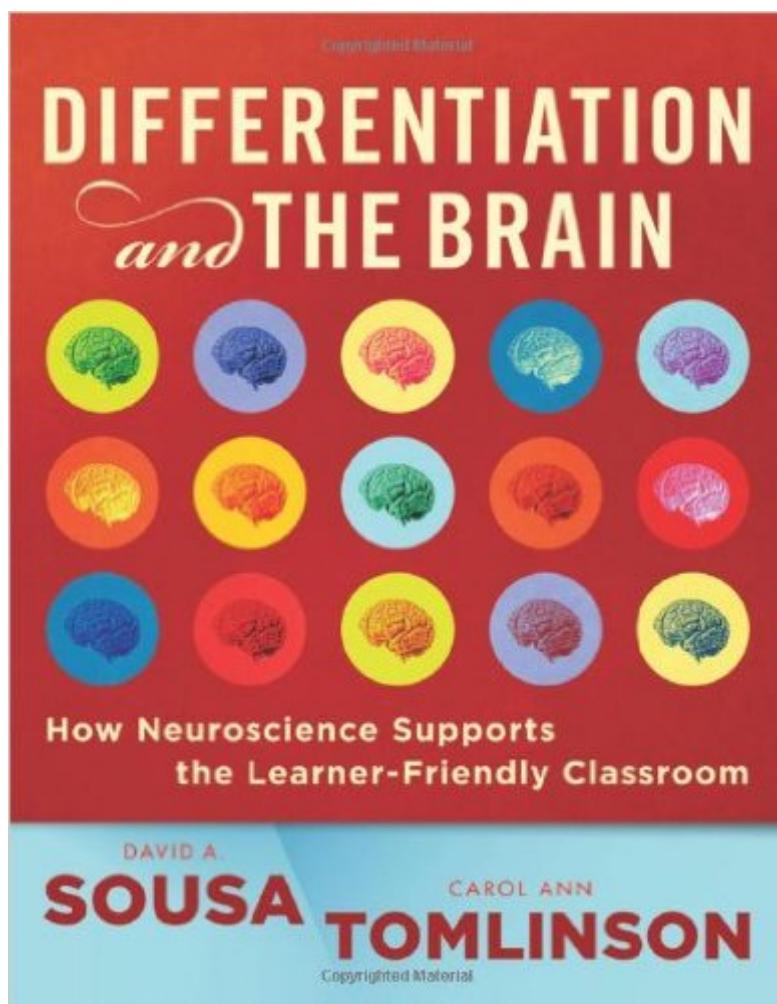


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# Differentiation And The Brain: How Neuroscience Supports The Learner-Friendly Classroom



## **Synopsis**

In *Differentiation and the Brain: How Neuroscience Supports the Learner-Friendly Classroom*, authors David Sousa and Carol Ann Tomlinson examine the basic principles of differentiation in light of what the current research on educational neuroscience has revealed. This research pool offers information and insights that can help educators decide whether certain curricular, instructional, and assessment choices are likely to be more effective than others. The authors also offer suggestions on how to establish and manage differentiated classrooms without imposing additional heavy burdens on teachers teach differently and smarter, not harder. In fact, when properly implemented, differentiation emphasizes shared responsibility between teacher and student a desirable outcome, because the brain that does the work is the brain that learns!

## **Book Information**

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## **Customer Reviews**

The text produced by Tomlinson and Sousa provides a fast read. Differentiation and the Brain is a great introduction into how research in neuroscience supports the use of differentiated learning opportunities for all classrooms. The text itself is not bogged down with statistical data but rather is explained in user-friendly terms. With the relatively recent convergence of neuroscience and education, this is a read sure to encourage more strategic planning on the part of educators.

I love this book. It was a perfect resource for my paper on diversity and differentiation in the classroom. It has an exceptional amount of useful information that can be easily used, plus it is

brain-based research.

yep! a winner! very usable as a middle school science teacher with a **HUGE** range of student abilities. I guess a gem in a crowded field of pretty useless books. definitely recommended. approaches differentiation from 4 angles--super relevant and applicable.

Differentiation and the Brain offers simple, easy to understand explanations of how to create a "brain friendly" classroom for diverse students. The authors also include some practical checklists, questions and techniques. However, I found that there was a lot more depth about the topics that I wanted to know that was not present in the book. Nevertheless, it's a great place to start learning about differentiated instruction.

The pairing up of these two "giants" in the field of education, also brings valid reasons as to how neuroscience is a major influence on learning and why differentiation is necessary. Finally some data to support the idea of differentiation. A good book for teachers of any grade to have as a resource for understanding students

This is an awesome resource that every teacher should have on their shelf as a go-to. It helps explain what differentiation is and gives examples of how to implement those changes in your classroom.

The authors are amazing. I have attended more than a few of Tomlinson's workshops back in the day. This book is a wonderful update and enhanced understanding of some very tried and true approaches to classroom instruction and planning. It is worth the read.

The book titled Differentiation and the Brain was very informative. I loved the way in which the book was outlined and the fact that the chapters were not too long. In my opinion, the information was relevant to the subject of study and it kept your attention.

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