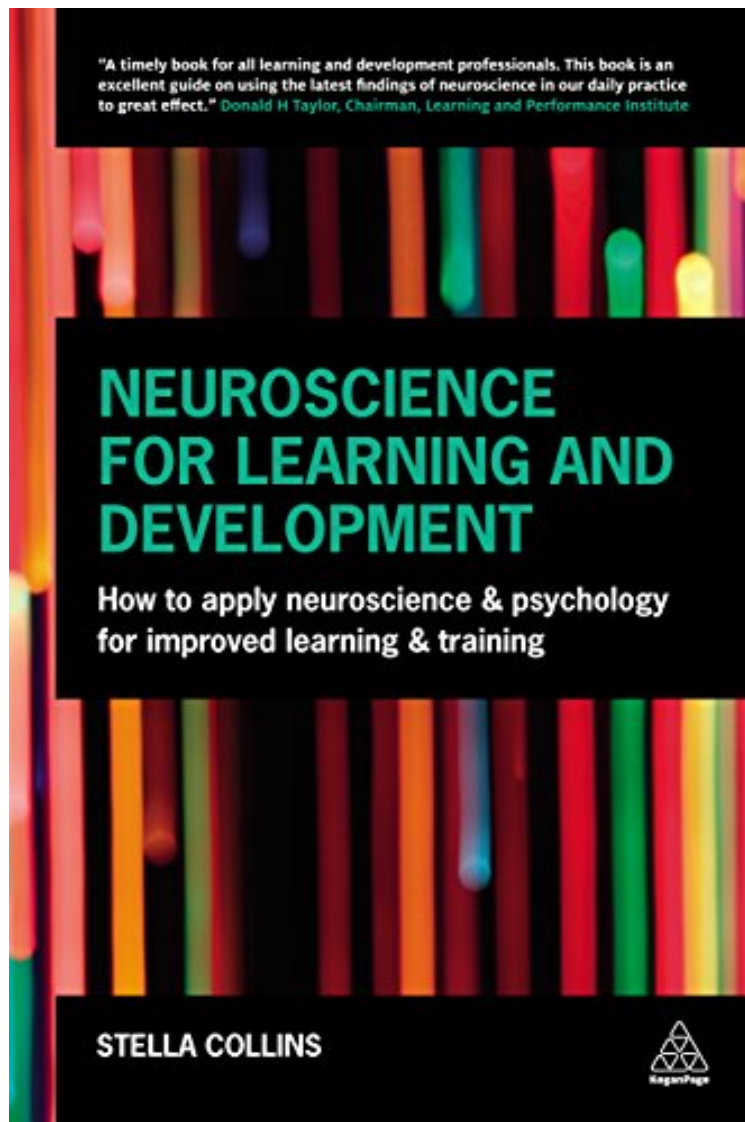


(Ebook pdf) Neuroscience for Learning and Development: How to Apply Neuroscience and Psychology for Improved Learning and Training

Neuroscience for Learning and Development: How to Apply Neuroscience and Psychology for Improved Learning and Training

Stella Collins

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Really enjoying this read, it seems to explain all ...By Wayne JohnstonReally enjoying this read, it seems to explain all the things I thought I knew about learning, but wasn't sure why, and so much more.1 of 1 people found the following review helpful. Learning Should Be a JoyBy Marjorie FlorestalThe Neuroscience of Learning and Development presents the latest research in an accessible form that teachers and presenters can use immediately in their classrooms. As a law professor, I am constantly searching out new approaches to teaching and learning because some of the models we traditionally use are, in my experience, demotivating to many students. Plus, using the same tactics over and over is simply boring and unengaging. I picked up this book for some ideas, but I got so much more.The author presents a concise view of the state of neuroscience today -- basically, the science is in flux and what we know is dwarfed by what we don't. Thus, the author also presents key objective criteria to evaluate new research. Most of us are teaching professionals and not neuroscientists, so having a set of criteria to quickly evaluate new scientific results is helpful. But beyond that, how do we incorporate current knowledge in our learning environment? The author suggests key elements (e.g., build curiosity) and offers practical examples of strategy -- both successes and failures. With that as a base, I can feel comfortable creating tactics for success. But tactics can and must be adapted to circumstances, because the other does such an excellent job providing the underlying science and rational, I feel well-equipped to change the tactic if/when it stops being effective. In other words, this isn't a book with a long list of tactics to import wholesale into your classroom. Rather, it provides detailed information on how we learn, so that we as teaching professionals can create our own tactics and strategies for success.I received a free copy from Net galley in exchange for an honest review.

Neuroscience for Learning and Development is about the psychology and neuroscience that underpins effective and successful training and learning. It introduces the latest research and concepts and suggests practical tools, techniques and ideas to improve how trainers train and how people learn. Readers will find new and more effective ways of working and will discover a sound basis for good practice. They will also discover the research that backs up what they are already doing well and evidence to support future projects and plans in order to make a convincing case to budget holders.Neuroscience for Learning and Development covers the design and delivery of face-to-face, online and virtual learning as well as how to create environments which make learning easier. It provides evidence to stop training and learning being seen as 'soft and fluffy' and will help trainers and LD teams persuade the rest of their organization of their value. This book explains the science behind creative training delivery so that learners will be motivated, enjoy training, pay attention, remember what they learn and be able to apply it back at work. It explains the neuroscience of attention, memory and habits and how to make sure people learn what they need to learn. Readers will be able to distinguish the neuromyths from the neuroscience and will find out which elements of brain science offer evidence for current practice and as well as discovering new ideas to continue to develop their skills and practice.

"I particularly enjoyed the chapters on meaningful memories and making learning 'sticky'; and would recommend this book to any LD professional who wants to deliver memorable training sessions, understand how to engage learners and make sure that the learning sticks." (Penny Brooks Academy Learning and Development Manager, The AA)"Stella has written a really useful guide to brain-friendly learning, which contains plenty of examples and ideas that will improve your presentations and learning 'events'. Read this book and share it with others to help make learning stick!" (Anne-Marie Hearne Head of Learning and Development, Dominors Pizza Group Limited)"If you want to transform learning in your organization, this is a must-read."