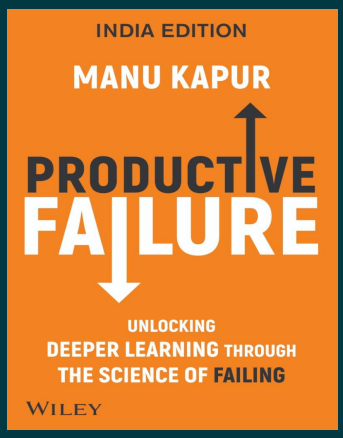
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Productive Failure: Unlocking Deeper Learning Through the Science of Failing, India Edition (An Indian Adaptation)

By Manu Kapur

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Description

How do we design failure experiences in ways that promote more effective learning? While total, inexplicable failure can be intensely frustrating and can push students to drop a subject altogether, repeated experiences of intriguing, constructive failure can develop resilience, creativity, and resourcesfulness when carefully curated. In Productive Failure, the author describes evidence-based principles for how readers can curate experiences in a manner that is safe and affirming, so that failure is the norm, not the exception--a signal for learning, not the noise detracting from it.

These principles are not just for designing learning in formal schooling contexts: they are just as powerful for taking charge of and designing one's own learning. From learning a new language or skill to setting up goals that get a reader out of their comfort zone, from designing specific kinds of tasks that push the boundaries of a reader's current abilities, to developing a mindset that supports growth, the author will describe the full set of design principles to harness Productive Failure for one's own deep learning.

These design principles then inspire and guide specific strategies that can be used for learning. Retrieval practice, generating analogies, category building, and counterfactual reasoning, amongst others, are strategies readers will learn how to harness to deepen their learning experiences.

This book will not only appeal to the individual learner, but also to teams, groups, and organizations who can apply the Productive Failure framework to reach new levels of innovation and success.

About the Author

Manu Kapur

Manu Kapur (Zurich, Switzerland) conceptualized and developed the theory of Productive Failure to design for and bootstrap failure for learning better. He has done extensive work in real-field ecologies of STEM classrooms to transform teaching and learning using his theory of productive failure across a range of schools and universities around the world.

Manu's research has attracted high profile media interest (e.g., TIME Magazine, NZZ, WEF, THE AUSTRALIAN, THE STRAITS TIMES, THE TIMES OF INDIA, The CONVERSATION, NZZ, etc.) and approximately $13M in research funding. Early in his academic career, Manu also directed a $50M interactive and digital media R&D program at the Ministry of Education of Singapore to jumpstart interdisciplinary research on interactive and digital media in education in Singapore.

Manu is a prolific keynote speaker at high-profile conferences and events around the world (e.g., The ROYAL SOCIETY UK, USA, Canada, Europe, Australia, Japan, South Korea, Singapore, and India). He has also served as an associate editor for two of the leading journals, and has published in the most prestigious journals in the field of the learning and the cognitive sciences.

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