



Teaching Minds: How Cognitive Science Can Save Our Schools

By Roger Schank

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"Professor Roger Schank has long been one of the world's most innovative thinkers about education. This book is the culmination of his lifetime of thinking about teaching and learning. Although I've known Roger for over 20 years, I've learned a lot from this book and I know that you will too."

--**Ray Bareiss**, Professor and Director of Educational Programs, Carnegie Mellon Silicon Valley

"Finally, some fresh thinking about teaching and learning. You will come away understanding what's wrong with how we teach today and what an effective pedagogy looks like. If you care about education, you will love love love this book!"

--**Elliot Soloway**, Arthur F. Thurnau Professor, University of Michigan

"Roger's insights tend to be a decade or two ahead of the insights of others. You can find his insights in current machine translation technologies, recommender systems, game-based learning environments, and even intelligence-gathering systems. The insights in this book are likely to be equally prescient and enduring."

--**Janet L. Kolodner**, Regents' Professor, Georgia Institute of Technology

"Roger Schank shows that we can learn more by concrete challenge and disagreement than through disinterested lectures and gingerly-put abstractions."

--**Jonathan Zittrain**, Professor of Law and Professor of Computer Science, Harvard University

From grade school to graduate school, from the poorest public institutions to the most affluent private ones, our educational system is failing students. In his provocative new book, cognitive scientist and bestselling author Roger Schank argues that class size, lack of parental involvement, and other commonly-cited factors have nothing to do with why students are not learning. The culprit is a system of subject-based instruction and the solution is cognitive-based learning.

This groundbreaking book defines what it would mean to teach thinking. The time is now for schools to start teaching minds!

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Editorial Review

Review

"[Schank] rejects many 'truths' held by today's educators and politicians...the author believes society is better served when the focus is on improving the conceptual, analytical, and social processes of the individual rather than on acquiring factual knowledge." --*ForeWord Magazine*

"With stark honesty and a sharp focus on research, Schank has written a provocative, convincing, and useful book about the design of cognitively based learning experiences that can be applied to real contexts...*Teaching Minds* can undoubtedly help individual teachers, professors, leaders, and curriculum design teams to transform learning experiences for students at all levels." --*Education Canada*

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About the Author

Roger Schank was the founder of the renowned Institute for the Learning Sciences at Northwestern University, where he is John P. Evans Professor Emeritus in Computer Science, Education, and Psychology.

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