

Acknowledgments

Author Profile

Illustrator Profile

## **Part 1 Evidence-Based Education and the Science of Learning**

Chapter 1: Communication Breakdown Between Science and Practice in Education

Chapter 2: Different Types of Evidence in Education

Chapter 3: Is Intuition the Enemy of Teaching and Learning?

Chapter 4: Pervasive Misunderstandings About Learning: How They Arise, and What We Can Do

## **Part 2 Basics of Human Cognitive Processes**

Chapter 5: Perception

Chapter 6: Attention

Chapter 7: Memory

## **Part 3 Strategies for Effective Learning**

Introduction

Chapter 8: Planning Learning: Spaced Practice and Interleaving

Chapter 9: Development of Understanding

Chapter 10: Reinforcement of Learning: Retrieval Practice

## **Part 4 Tips for Teachers, Students, and Parents**

Chapter 11: Tips for Teachers

Chapter 12: Tips for Students

Chapter 13: Tips for Parents Glossary