

Contents

INTRODUCTION	1
The art of teaching and the science of education	1
Towards a 'New Learning'	9
How this book is organised	12
PART A: INTRODUCTION: CHANGING EDUCATION	15
CHAPTER 1: NEW LEARNING	17
Being an educator in 'interesting times'	18
Learning and education	20
What's 'new' about 'New Learning'?	23
Designs for social futures	28
CHAPTER 2: LIFE IN SCHOOLS	38
Thinking through paradigms	40
Didactic education: The modern past	40
Authentic education: More recent times	51
Transformative education: Towards New Learning	60
PART B: CONTEXTS: CHANGING CONDITIONS FOR LEARNING	81
CHAPTER 3: LEARNING FOR WORK	83
Work and education	84
Fordism: The modern past	86
Post-Fordism: More recent times	91
Productive diversity: Towards New Learning	97
CHAPTER 4: LEARNING CIVICS	110
Citizenship and education	111
Nationalism: The modern past	113
Neoliberalism: More recent times	117
Civic pluralism: Towards New Learning	125
CHAPTER 5: LEARNER PERSONALITIES	136
The significance of learner differences and the sources of personality	137
From exclusion to assimilation: The modern past	139
Recognition: More recent times	155
Inclusion: Towards New Learning	167

Contents

PART C:	RESPONSES: WAYS OF LEARNING AND TEACHING	195
CHAPTER 6:	THE NATURE OF LEARNING	197
	Learning	198
	Behaviourism: The modern past	199
	Brain developmentalism and constructivism: More recent times	202
	Social cognitivism: Towards New Learning	206
CHAPTER 7:	KNOWLEDGE AND LEARNING	217
	The connections between knowing and learning	218
	Committed knowledge: The modern past	222
	Knowledge relativism: More recent times	230
	Knowledge repertoires: Towards New Learning	238
CHAPTER 8:	PEDAGOGY AND CURRICULUM	260
	Education's designs	261
	Mimesis: The modern past	263
	Synthesis: More recent times	269
	Reflexivity: Towards New Learning	273
CHAPTER 9:	LEARNING COMMUNITIES AT WORK	283
	Informal and formal learning	284
	Bureaucratic education: The modern past	287
	Self-managing education: More recent times	289
	Collaborative education: Towards New Learning	292
CHAPTER 10:	MEASURING LEARNING	305
	Education assessment, evaluation and research	306
	Testing intelligence and memory: The modern past	308
	Measurement by standards: More recent times	316
	Synergistic feedback: Towards New Learning	323
	Looking forward: Elements of a science of education	335
	References and further reading	342
	Index	355
	Acknowledgements	362