

SUMMARY OF CONTENTS

Detailed chapter contents	vii
List of figures	xii
List of tables	xv
Acknowledgements	xvi
About the authors	xviii
Foreword	xix
About the companion website	xx
Guided tour	xxi
Preface	xxiii
PART 1 PSYCHOLOGICAL PERSPECTIVES ON EDUCATION	1
1 Psychological perspectives on education: classical approaches	3
2 Psychological perspectives on education: developing approaches	25
3 The effective teacher	45
4 The philosophy and psychology of professional practice	67
PART 2 THE INDIVIDUAL LEARNER	81
5 The individual learner: neurological and physical development of the learner	83
6 The individual learner: perceptual and cognitive development of the learner	111
7 The individual learner: social, emotional development and personality	136
PART 3 MEETING THE NEEDS OF THE LEARNER	165
8 Meeting the needs of the learner: the self	167
9 Meeting the needs of the learner: enabling individual success	189
10 Meeting the needs of the learner: motivation	219
11 Meeting the needs of the learner: an integrated approach	239

PART 4 CLASSROOM PRACTICE	255
12 Empowering the learner: psychological skills development	257
13 The learning environment	279
14 The 'ideal' teacher	300
15 Reflective position: integrating the strands of this book	319
References	325
Index	354

DETAILED CHAPTER CONTENTS

1 Psychological perspectives on education: classical approaches	3
1.1 Introduction	4
1.2 Perspectives in psychology	4
1.3 The roots of psychology and paradigm shifts	7
1.4 Animism	7
1.5 Rationalism or Cartesian Dualism	7
1.6 Empiricism	8
1.7 Structuralism versus functionalism	9
1.8 Psychodynamic perspective	10
1.9 Behaviourist perspective	12
1.10 Humanistic perspective	15
1.11 Cognitive perspective	18
1.12 Psychobiological perspective	20
1.13 Evolutionary perspective	21
1.14 Summarising interactionism from an applied perspective	23
1.15 Conclusion	23
1.16 Further reading	24
2 Psychological perspectives on education: developing approaches	25
2.1 Introduction	26
2.2 Positive psychology	26
2.3 School-based research within positive psychology	28
2.4 Flow	29
2.5 Developing flow in the classroom	31
2.6 Classroom studies on flow	34
2.7 The future of positive psychology related to education	35
2.8 Transpersonal psychology	36
2.9 Transpersonal education	38
2.10 Conclusion	43
2.11 Further reading	44
3 The effective teacher	45
3.1 Introduction	46
3.2 What is meant by effective?	46
3.3 An effective teacher: What do learners think?	48

3.4	An effective teacher: What do researchers think?	55
3.5	A synthesis between the learner and researcher perspectives	59
3.6	Seven habits of highly effective teachers	60
3.7	Conclusion	66
3.8	Further reading	66
4	The philosophy and psychology of professional practice	67
4.1	Introduction	67
4.2	Philosophy and psychology	68
4.3	Philosophy and education	70
4.4	Heuristics	72
4.5	Reflective practice	73
4.6	Putting the pieces together	77
4.7	Conclusion	80
4.8	Further reading	80
5	The individual learner: neurological and physical development of the learner	83
5.1	What is development?	84
5.2	Physical development in the developing child	85
5.3	Development of the brain	86
5.4	Hemispheric lateralisation and localisation of function	94
5.5	Communication between neurons	98
5.6	Development of the motor system	99
5.7	Conclusion	109
5.8	Further reading	109
6	The individual learner: perceptual and cognitive development of the learner	111
6.1	Introduction	112
6.2	Perceptual development	112
6.3	Cognitive development in the developing child	118
6.4	Attention, concentration and memory	124
6.5	Conclusion	134
6.6	Further reading	134
7	The individual learner: social, emotional development and personality	136
7.1	Introduction	137
7.2	Social development in the developing child	137
7.3	Emotional development in the developing child	141
7.4	Personality	150
7.5	Conclusion	162
7.6	Further reading	163

8 Meeting the needs of the learner: the self	167
8.1 Introduction	168
8.2 The self	169
8.3 The 'self-as-I'	170
8.4 The 'self-as-me'	173
8.5 Integration of the 'I' and 'me'	175
8.6 Roberto Assagioli and psychosynthesis	176
8.7 Psychosynthesis and education	176
8.8 Ken Wilber and AQAL	178
8.9 Metacognition	180
8.10 Self-image and self-esteem	180
8.11 Self-efficacy	182
8.12 Self-attribution	185
8.13 Nurturing the self	187
8.14 Conclusion	187
8.15 Further reading	188
9 Meeting the needs of the learner: enabling individual success	189
9.1 Introduction	190
9.2 The traditional perspective on individual children	191
9.3 Clarifying terms	193
9.4 Autistic spectrum disorders (ASD)	194
9.5 Dyslexia or specific learning difficulties (SpLD)	198
9.6 Attention deficit/hyperactivity disorder (ADHD)	206
9.7 Speech, language and communication needs (SLCN)	210
9.8 Behavioural, emotional and social difficulties (BESD)	213
9.9 Moderate learning difficulties (MLD)	214
9.10 Gifted and talented	215
9.11 Inclusion	216
9.12 A revised focus for practice	217
9.13 Conclusion	217
9.14 Further reading	218
10 Meeting the needs of the learner: motivation	219
10.1 Introduction	220
10.2 What is motivation?	221
10.3 Psychological perspectives on motivation	222
10.4 Behavioural perspective on motivation	222
10.5 Humanistic perspective	228
10.6 Self-determination theory	231
10.7 Conclusion	237
10.8 Further reading	238

11 Meeting the needs of the learner: an integrated approach	239
11.1 Introduction	240
11.2 The macro-perspective: an overlap of themes	240
11.3 The micro-perspective: affecting individuals on a positive level	243
11.4 Positive and negative	245
11.5 Solution-focused approaches	246
11.6 Cognitive behavioural therapy	250
11.7 Keeping to the positive	251
11.8 Conclusion	252
11.9 Further reading	253
12 Empowering the learner: psychological skills development	257
12.1 Introduction	258
12.2 Initial steps: identifying muscle-to-mind or mind-to-muscle needs	258
12.3 Relaxation: explanation, process and application	259
12.4 Progressive muscle relaxation	260
12.5 Autogenic training	260
12.6 Mental imagery: explanation, process and application	262
12.7 Goal-setting	267
12.8 Cognitive restructuring	273
12.9 Mental resilience	275
12.10 Conclusion	277
12.11 Further reading	278
13 The learning environment	279
13.1 Introduction	280
13.2 The psychology of classroom layouts	282
13.3 Age and gender differences	283
13.4 The psychology of colour	284
13.5 The psychology of typefaces	284
13.6 Learning styles	285
13.7 Structure, order and ownership	288
13.8 Learning climates	289
13.9 Behaviour management?	290
13.10 To praise or not to praise?	296
13.11 Conclusion	298
13.12 Further reading	298
14 The 'ideal' teacher	300
14.1 Introduction	301
14.2 The relationship between teaching and learning	302
14.3 The qualities of an 'ideal' teacher	304

14.4	Theoretical perspectives on the ideal teacher: a review	306
14.5	Teacher personality	310
14.6	Teacher reflection	314
14.7	Conclusion	317
14.8	Further reading	318
15	Reflective position: integrating the strands of this book	319
15.1	Introduction	320
15.2	Why does psychology matter for teachers?	320
15.3	Maintaining a critical mind	322
15.4	Solutions to predicaments	323
15.5	Employability	323
15.6	Final words	324
15.7	Further reading	324