

# CONTENTS

About the authors	ix
Foreword	x
Acknowledgements	xiii
Publisher's acknowledgements	xiv
Key for icons	xv
<b>Introduction</b>	<b>1</b>
<b>PART 1 PARADIGMS AND PRINCIPLES</b>	<b>7</b>
<b>1 Positivist research</b>	<b>9</b>
Finding out about the world around us	9
What do we mean by a 'paradigm'?	10
The meaning and origins of positivism	11
The scientific method	12
Positivism and the quantitative methodological approach	14
Experimental method	15
Correlational method	19
Validity and reliability	20
The possibilities and limitations of positivist research	21
<b>2 Beyond positivism: interpretivism, 'critical' theories and post-structuralism</b>	<b>24</b>
What do we mean by interpretivism?	24
What do we mean by 'critical' theories in research?	26
What do we mean by post-structuralism?	28
Qualitative research and early childhood studies	30
Qualitative research approaches and methods	35
Combining qualitative and quantitative research methods	37
<b>3 Ethics</b>	<b>40</b>
What do we mean by 'ethics'?	40
Why is a consideration of ethics important in early childhood research?	43
What does 'informed consent' mean in the context of early childhood research?	44
Ethical considerations throughout the research process	48
Ethical guidelines, university ethics committees and legal considerations	52

<b>4 Listening to young children</b>	<b>55</b>
The development of interest in listening to young children	55
Ethical issues when involving young children in research	61
The child as researcher	65
<b>PART 2 APPROACHES TO RESEARCH</b>	<b>69</b>
<b>5 Surveys</b>	<b>71</b>
What is a survey?	71
Why are surveys used?	72
Designing a survey	75
The use of surveys in early childhood	80
<b>6 Ethnography</b>	<b>85</b>
What do we mean by 'ethnography'?	85
Ethnography and early childhood research	88
Carrying out ethnographic fieldwork	92
The possibilities and limitations of ethnographic research	98
<b>7 Case studies</b>	<b>101</b>
What is a case study?	101
Historical background	103
Case study design	104
Methods that can be used in case studies	107
Possibilities and limitations of using case studies	108
Ethics	109
<b>8 Action research</b>	<b>112</b>
What is action research?	112
Who does action research? The practitioner as researcher	116
The action research cycle	119
Methods used in action research	121
The possibilities and limitations of action research	123
<b>PART 3 METHODS</b>	<b>129</b>
<b>9 Observation</b>	<b>131</b>
Historical overview	132
When is it appropriate to use observation in research?	133
Types of observation	134
Recording information	144
<b>10 Interviews</b>	<b>149</b>
What is an interview?	149
When to use interviews	151



Types of interview	151
Carrying out and recording interviews	160
<b>11 Questionnaires</b>	<b>165</b>
What is a questionnaire?	165
Why are questionnaires used in research?	165
Types of question used in questionnaire design	167
Putting a questionnaire together	174
Administering a questionnaire	179
Possibilities and limitations of questionnaires	181
<b>12 Using documents and visual texts</b>	<b>183</b>
What is a document?	184
Social media and new technologies	190
Why might we use documents and visual texts in research?	192
How might we evaluate documentary sources?	193
<b>13 Journaling as a research tool</b>	<b>197</b>
The self as a legitimate subject for study	197
What do we mean by a 'journal'?	199
Why use journaling as a research tool?	200
Tools to help develop reflective journal writing	204
The possibilities and limitations of using journaling as a research tool	206
<b>14 Creative methods for listening to children in research</b>	<b>210</b>
Listening to young children in research: developing an inclusive approach	211
Photography	213
Drawings	214
Play as a research strategy	217
Story-telling and narrative approaches	218
The Mosaic Approach	221
Possibilities and limitations	222
<b>PART 4 CARRYING OUT A RESEARCH PROJECT</b>	<b>225</b>
<b>15 Research design</b>	<b>227</b>
The stages of planning a research project	227
Developing an area of investigation, research question or hypothesis	229
Choosing a research design	233
Choosing appropriate methods	236
Choosing a sample	237
Reliability and validity	241
Writing a research proposal	243

Keeping a research diary or journal	244
Working with a research supervisor	244
<b>16 Reviewing the literature</b>	<b>247</b>
What is a literature review?	247
Why is it important to conduct a literature review?	248
What makes for a successful literature review?	248
How to go about reviewing the literature	256
<b>17 Analysing and presenting data</b>	<b>261</b>
What do we mean by analysis?	261
Getting organised	262
Quantitative methods of data analysis	263
Presenting quantitative data	271
Qualitative methods of data analysis	276
Presenting qualitative data	282
<b>18 Writing up</b>	<b>285</b>
Writing up a research project	285
Finding a 'voice' when writing up research	293
Writing the voices of others	294
Sharing what you have learnt with others	294
Conclusion	298
Glossary	299
Bibliography	301
Index	320