

# Contents

<b>Foreword</b>	7
<b><i>Part I Natural learning: people, computers and everyday number knowledge — Robert W. Lawler</i></b>	9
1 Emerging forms in turtle geometry	11
2 Three encounters with number	19
3 Sketches of natural learning	40
4 Extending a powerful idea	67
References for Part I	79
<b><i>Part II Logo confessions — Benedict du Boulay</i></b>	81
5 Setting the scene	83
6 Jane	89
7 Irene and Mary	137
8 Conclusions	175
References for Part II	178
<b><i>Part III Using Logo with very young children — Martin Hughes and Hamish Macleod</i></b>	179
9 Why Logo for very young children?	180
10 Simplifying Logo for very young children	182
11 Preliminary work with preschool children	185
12 The Craigmillar Logo Project	188
13 Evaluation of the Craigmillar Logo Project	203
14 Where next?	216
References for Part III	218
<b>Index</b>	220