Contents

Preface		vii
1	What is dyscalculia? It's not just being bad at maths	1
2	Number sense: our intuitive understanding of numbers	11
3	The arithmetic starter kit	28
4	Core deficit in the number module: the cognitive cause of dyscalculia	43
5	Development of arithmetic depends on domain-specific numerical competences	61
6	The dyscalculic brain	75
7	Heritability and the effects of brain damage on numerical abilities	95
8	Society, school, and home	115
9	Assessment: how to identify dyscalculic learners	125
10	Intervention for dyscalculic learners	144
11	Policy: what to do about dyscalculia locally and nationally	164
Ind	ex	181