

Contents

Introduction	v
Chapter 1 Aims in Secondary Education	1
Chapter 2 Pupil Attitudes to Mathematics	10
Chapter 3 Some Themes from Research	20
Chapter 4 Sources of Learning Difficulties Arising from School Organisation, Methodology and Curriculum	43
Chapter 5 Learning Difficulties Inherent in the Subject	52
Chapter 6 Language and Numeracy in Mathematics	81
Chapter 7 Mathematics Across the Curriculum	91
Chapter 8 Assessment	100
Chapter 9 Prevention and Remediation	112
Chapter 10 Course Design and Syllabus Construction	130
Chapter 11 Resource Planning	144
Chapter 12 Construction of Units of Work	152
Chapter 13 The Electronic Calculator as a Learning Resource	165
Chapter 14 The Microcomputer	172
References	181