

CONTENTS

| | Page |
|--|-------------|
| Contents | i |
| Membership of the CDC Committee on Mathematics Education | iii |
| Membership of the CDC/HKEA Joint Working Party for the Additional Mathematics Curriculum | iv |
| Preamble | v |
| Chapter | |
| 1 Aims and Objectives | 1 |
| ♦ Overall Aims of Mathematics Education | 1 |
| ♦ Objectives of the Additional Mathematics Curriculum | 2 |
| 2 Curriculum Framework | 3 |
| ♦ Content and Specific Learning Objectives | 3 |
| ♦ Generic Skills, Values and Attitudes | 7 |
| 3 Suggestions on Learning and Teaching | 8 |
| ♦ Guiding Principles | 8 |
| ♦ Suggested Sequence | 8 |
| ♦ Suggested Time Allocation | 9 |
| ♦ Suggested Learning and Teaching Strategies | 13 |
| 4 Suggestions on Assessment | 17 |
| ♦ Purposes of Assessment | 17 |

| | |
|---|----|
| ♦ Assessment Criteria and Strategies | 18 |
| ♦ Feedback from Assessment | 20 |
| Appendix 1 Summary of Changes to the Contents of <i>Syllabuses for Secondary Schools – Additional Mathematics (Secondary 4-5) 1992</i> | 21 |
| Appendix 2 Comparison between the Additional Mathematics Curriculum and <i>Syllabuses for Secondary Schools – Additional Mathematics (Secondary 4-5) 1992</i> | 23 |
| Appendix 3 Reference | 71 |