

# MATHS SYLLABUS FORM 2 2009-2010

## FIRST TERM

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|----|--|---|
| 1. | Working with Numbers                     | Chapter 1                               |
| 2. | Probability                              | Book 7A Chapter 13<br>Book 8A Chapter 2 |
| 3. | Multiplication and Division of Fractions | Chapter 3                               |
| 4. | Fractions and Percentages                | Chapter 4                               |
| 5. | Constructions                            | Notes                                   |
| 6. | Areas of Triangles and Parallelograms    | Chapter 7                               |

## SECOND TERM

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|-----|------------------------------------|--------------------|
| 7.  | Circumference and Area of a Circle | Chapter 9          |
| 8.  | Volumes                            | Chapter 18         |
| 9.  | Ratio                              | Chapter 5          |
| 10. | Formulas                           | Chapter 10         |
| 11. | Linear Equations                   | Chapter 12         |
| 12. | Scale Drawing                      | Chapter 20         |
| 13. | Coordinates                        | Book 7A Chapter 16 |
| 14. | Straight line graphs               | Book 7A Chapter 18 |

## THIRD TERM

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|-----|---|--------------------|
| 15. | Straight Line Graphs                    | Book 8A Chapter 13 |
| 16. | Travel Graphs                           | Chapter 22         |
| 17. | Reflections, Translations and Rotations | Chapter 11         |
| 18. | Continuous Data                         | Chapter 15         |

## Use of Calculator

Students learn to make efficient use of the basic functions on a calculator (+, -,  $\times$ ,  $\div$ , =). They also make use of the calculator to find squares, square roots and to simplify fractions.

## TEXT BOOK - ST(P) MATHEMATICS 8A

### Assessment scheme:

When	Criteria	Marks
November Test	Class Tests	50
November Assessment	Non-Calculator Tests, Classwork, Homework, attitude, behaviour & participation during classes	10
Mid-Year Exam	Exam	100
Mid-Year Assessment	Same as November	20
Annual Exam	Exam	100
Annual Assessment	Same as November	20