

SING YIN SECONDARY SCHOOL
Syllabus for F.6 Mathematics (2016-2017)

Textbook : New Horizon Senior Mathematics Compulsory Part – 6

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Company

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Students are expected to develop the following attitudes:

- to love logical thinking
- to accept careful work as important
- to accept challenging work.

Chapter	Topics	Approx. No. of Period	Objectives
25	Linear Programming	6	<ul style="list-style-type: none">• To represent the graphs of linear inequalities in two unknowns on a plane• To solve systems of linear inequalities in two unknowns• To optimize a function in two variables under constraints• To solve real life linear programming problems
26	Uses and Abuses of Statistics	4	<ul style="list-style-type: none">• To understand the concepts of population and sample• To recognize different techniques in survey sampling and the basic principles of questionnaire design• To discuss and recognize the uses and abuses of statistical methods in various daily-life activities or investigations• To assess statistical investigations presented in different sources such as news media, research reports, etc.
Revision			<ul style="list-style-type: none">• Sing Yin Past Paper• Multiple Choice Exercise for HKDSE• HKCEE Past Papers• HKDSE Past Papers

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Signature of Teacher In Charge : _____

Checked by : _____