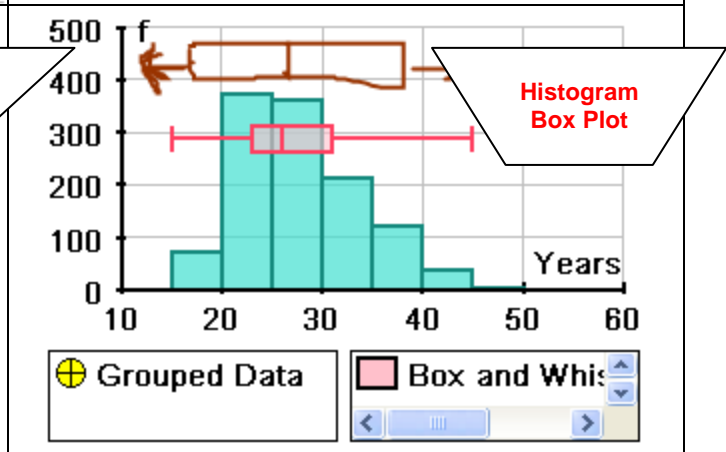
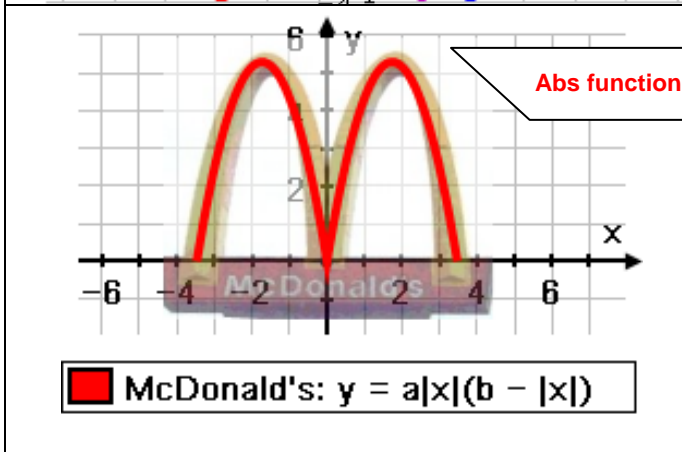
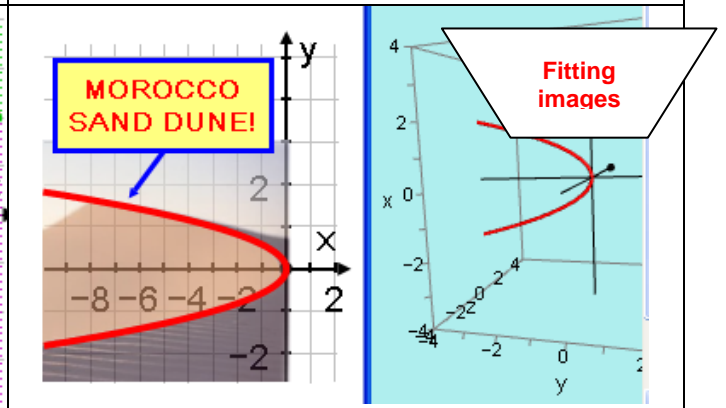
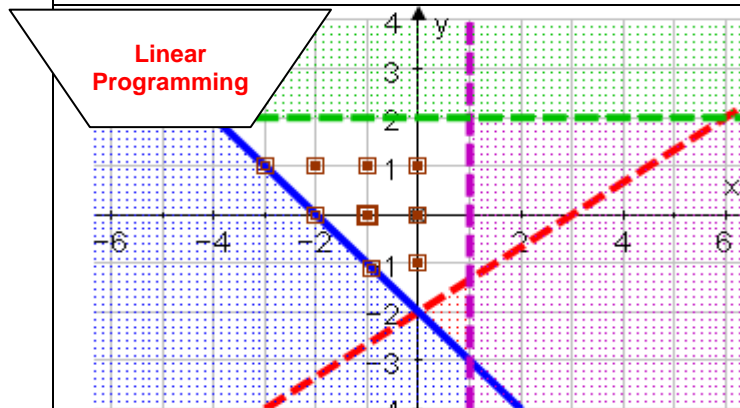
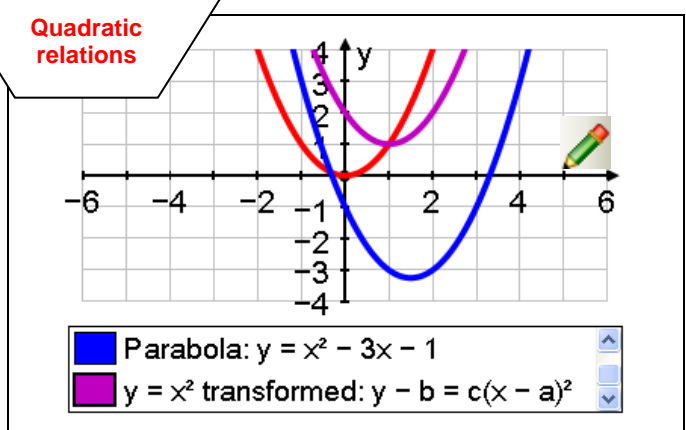
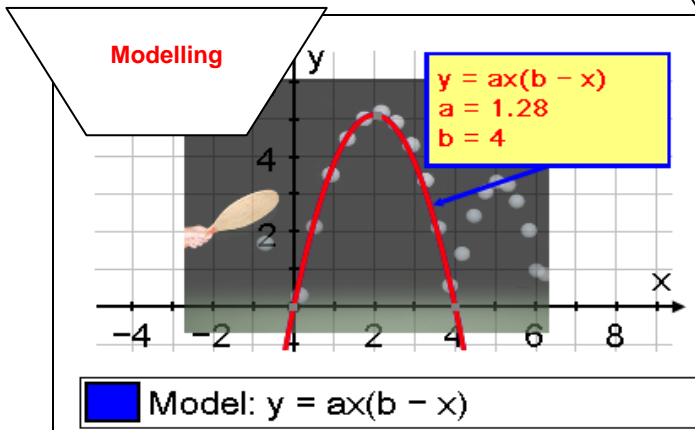


Autograph

version 3

THAILAND: Core Course Curriculum (Books 1-4)

Autograph is spectacular dynamic software from the UK that allows teachers to visualise many of the mathematical topics in the THAI CORE COURSE Mathematics (Books 1-4).



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**THAILAND SECONDARY MATHEMATICS
CORE COURSE Curriculum**

with references to AUTOGRAPH



AUTOGRAPH PAGE

CORE COURSE: Book 1

Contents

- Chapter 1** **Set operations and application**
- Chapter 2** **Inductive reasoning and deductive reasoning**
- Chapter 3** **Real number properties, absolute numbers**
- Chapter 4** **Exponent notation**
 - 4.1 n^{th} root of a real number
 - 4.2 exponential notation with rational indices

CORE COURSE: Book 2

Contents

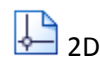
- Chapter 1** **Introduction to Function**
 - 1.1 Relations and functions
 - 1.1.1 **Relations**
 - 1.1.2 **Domain and Range**
 - 1.1.3 **Functions**
 - 1.2 **Linear Functions**
 - 1.3 Quadratic functions
 - 1.3.1 **Graphs of quadratic functions**
 - 1.3.2 **Solving quadratic equations and inequalities with graphs**
 - 1.3.3 **Application**
 - 1.4 Exponential function
 - 1.5 Absolute value function
 - 1.6 Step function
- Chapter 2** **Trigonometric ratios and application**



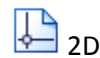
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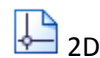
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2D



2D



2D

THAILAND SECONDARY MATHEMATICS



CORE COURSE: Book 3

Contents

Chapter 1 Introduction to sequences and series

1.1 Sequences

- 1.1.1 Example of sequences
- 1.1.2 The general term of a sequence
- 1.1.3 Arithmetic sequence
- 1.1.4 Geometric sequence

1.2 Series

- 1.2.1 Arithmetic series
- 1.2.2 Geometric series



Excel



Excel



Excel

CORE COURSE: Book 4

Contents

Chapter 1 Statistics and data

- 1.1 example of cases or problems to use statistics
- 1.2 statistics, sample, population, ect.
- 1.3 Using statistics for decision making and plan
- 1.4 Types of data and data collection



STATISTICS



STATISTICS

Chapter 2 Introduction to data analysis

- 2.1 Frequency distributions (Cumulative frequency, Relative frequency, Relative cumulative frequency)
- 2.2 Histogram and box plot
- 2.3 Percentile
- 2.4 Measure of central values (Arithmetic mean, weight arithmetic mean, combined arithmetic mean, median, mode, and their uses)
- 2.5 Range, standard deviation



STATISTICS



STATISTICS



STATISTICS

Chapter 3 Understanding of Poll

- 3.1 Survey method, random sampling, etc.
- 3.2 Using a Poll

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