

## IGCSE Mathematics

### Subject Content

- The Year 10 and 11 Mathematics course at Tenby International school, Penang is designed as a two year course leading to the IGCSE examination at age 16-plus.
- The text book recommended for use at Tenby School is the IGCSE Mathematics 2<sup>nd</sup> edition by Ric Pimematal and Terry Wall. It is endorsed by the University of Cambridge International Examinations. The publisher is Hodder Murray and can be accessed at [www.hoddereducation.com](http://www.hoddereducation.com). This book covers the syllabus requirements for the IGCSE Mathematics at CORE and EXTENDED sections.
- There are four sections dealing with NUMBER, ALGEBRA, SHAPE AND SPACE and lastly STATISTICS AND PROBABILITY. Each section has a CORE and EXTENDED section with STUDENTS ASSESSMENT TESTS. Each section also has an ICT section to facilitate the learning process.
- Cambridge IGCSE Mathematics is made up of the following examination papers.

#### CORE SECTION

CODE 0580

PAPER 1

CODE 0580/01

TIME: 1 HOUR

This paper contains 20 question and answers need to be written on the question paper itself. The total mark is 56. Electronic calculators (non-programmable) should be used.

PAPER 3

CODE 0580/03

TIME: 2 HOURS

This paper contains 9 questions; answers are to be written on the prescribed answer scripts. Graph papers are provided. The total mark is 104. Electronic calculators non-programmable) should be used.

The highest achievable grade offered for the CORE Curriculum is Grade C.

#### EXTENDED SECTION

CODE 0580

PAPER 2

CODE 0580/02

TIME: 1 ½ HOURS

This paper contains 23 questions and answers need to be written on the question paper itself. The total mark is 70. Electronic calculators non-programmable) should be used.

PAPER 4

CODE 0580/04

TIME: 2 ½ HOURS

This paper contains 9 questions, answers are to be written on the prescribed answer scripts. Graph papers are provided. The total mark is 130. Electronic calculators (non-programmable) should be used.

The Extended curriculum has grades A\* to G.

### **School Assessment**

Students undergo a variety of assessment tasks each term. These include quizzes, unit tests, oral tests, classroom participation, classwork, homework and aptitude tests.

### **Formal assessment**

The formal assessment for each course is set by the Examinations Boards. Students are informed at the beginning of their course the nature and type of assessment that they will undergo.

### **Standard Texts**

*Cambridge IGCSE Mathematics Second Edition by Hodder Murray*  
*Author : Ric Pimentel and Terry Wall*