

# *Mathematical Studies (SL) 11 (2016-2017)*

**Time:** 8 x 35 minutes per week

**Course Description:**

*The Mathematical Studies course is aimed at developing students' skills in reading, interpreting and solving a given problem using mathematical terms as well as demonstrating an understanding of the practical applications of Mathematics. Use of graphical display calculator is essential.*

**Resources:**

.

**Main Topics Covered:**

**Semester 1**

- Number and algebra
- Logic, sets and probability
- Geometry and Trigonometry (1)

**Semester 2**

- Geometry and Trigonometry (2)
- Mathematical models
- Introduction to Differential Calculus

## Assessment

Internal Assessment for Reports	Weighting
Quarter 1 – CA1 only Quarter 2 – CA3 only  • End of Semester Examinations (SA1 <b>Or</b> SA2) • Continual Assessment ( CA1 + CA2 <b>Or</b> CA3 + CA4) including: <ul style="list-style-type: none"> <li>- Topic tests</li> <li>- Class work</li> <li>- Homework</li> </ul>	70 20 + 10
	100