

IB SL Math Studies

Instructor: Omar Abed

Course Description:

Students will develop mathematical knowledge, concepts and principles. In addition, they will develop logical, critical and creative thinking. The expectation is for them to employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives.

The following main topics are covered:

- Sets and Probabilities
- Logic
- Advanced Geometry & Trigonometry
- Descriptive Statistics and Applications
- Introduction to Differential Calculus
- Introduction to Integration