**Course Name:** IB Math Year 1 and 2  **Teacher Name:** Mr. Keeley

**Contact Information:** michael.keeley@abbyschools.ca

**Website:** <https://mrkeeleysclassroom.weebly.com/>

**Available for Extra Help:** By Appointment

**Resources / Supplies:**

3-ring binder Lined paper Pens (Blue or black)

Pencils Ruler Textbook

Graphing Calculator (TI 83, TI84, or Casio) Graph Paper

**Course Overview:**

**Year One**

Sequences & Series

Functions (Linear, Quadratic, Modelling, Rational)

Statistics & Probability

Trigonometry

**Year Two**

Circular Functions

Exponential & Logarithmic Functions

Calculus

**Assessment:**

1. **External Assessments:**
* **Paper 1**- No Technology Allowed *(1.5 hours, worth 40%)*

 The test will include two compulsory sections. Section A is composed of short-response

questions and section B is composed of extended-response questions.

* **Paper 2**- Technology Allowed *(1.5 hours, worth 40%)*

 The test will include two compulsory sections. Section A is composed of short-response

questions and section B is composed of extended-response questions.

***Both papers are done at the end of the two year program as final exams.***

1. **Internal Assessment**
* **Exploration**  *(worth 20%)*

The exploration is an integral part of the course and its assessment and is compulsory for all students. It enables students to demonstrate the application of their skills and knowledge, and to pursue their personal interests, without the time limitations and other constraints that are associated with written examinations.

**Your IB Math mark will be reported on the 7-point IB scale.**

|  |  |
| --- | --- |
| **Grade** | **IB Diploma Descriptor** |
| Grade 0 –0%-49%  | Demonstrates very poor achievement in terms of the DP learning objectives for this course |
| Grade 1 – 50%-59% | Demonstrates minimal, less than satisfactory achievement in terms of the DP learning objectives for this course |
| Grade 2 – 60%-69% | Demonstrates very limited, mediocre achievement in all areas and has difficulty understanding required knowledge and skills, even with support |
| Grade 3 – 70%-75% | Demonstrates satisfactory achievement in most areas, a satisfactory understanding of required knowledge/skills; applies most skills without support. |
| Grade 4 – 76% - 85% | Demonstrates a good understanding of the required knowledge/skills and can apply them effectively without support |
| Grade 5 –86%-89% | Demonstrates a consistent, thorough understanding of the knowledge/skills, and shows very good evidence of analysis, synthesis, evaluation, originality and insight |
| Grade 6 – 90%-95% | Demonstrates a consistent, thorough understanding of knowledge/skills and shows consistent evidence of excellent analysis, synthesis, evaluation, originality, and insight |
| Grade 7 – 96%-100% | Demonstrates consistent understanding of knowledge/skills. Consistent evidence of outstanding analysis, synthesis, evaluation, originality and insight; produces high quality work. |

You are given an ANTICIPATED Grade and equivalent percentage for IB Math each reporting period. This is meant as a guide.

**Student Behavior and Attitude**

* Students are expected to be courteous and respectful in terms of their behavior in this classroom. Attention to lessons taught is expected. I encourage phone calls (or e-mails) from concerned parents and will contact home if behavior (especially) is unacceptable.
* Students should not have cell phones out at all during school hours except if listening to music during work time. If it is an emergency, parents please contact the school office, and they will contact the teacher.
* No food or drinks are allowed in this classroom (a water bottle is acceptable) unless you are attending a lunch or after school help session.
* Visits to the washroom, drinking fountains, and lockers must be made before class begins. During class time, these privileges will not be granted during notes.

**Attendance**

* Students are expected to come to class prepared to work with all necessary materials (graphing calculator. textbook, binder, pencil(s), paper, etc.)
* Do not be late. Late students disrupt the class, teacher, and the lesson.
* If you are late enter QUIETLY, sit down, and get to work.
* You are responsible for any notes, assignments, and tests you miss.

 It is your responsibility to make up material missed. I WILL NOT CHASE!!

**BE ON TIME - BE PREPARED - ACTIVELY PARTICIPATE – RESPECT**