

LAKESIDE ACADEMY

Course: IB-MYP Year 4 Mathematics (Grade 10)

Teacher: A. Zito (azito@lbpearson.ca)

Year: 2021 - 2022

Materials:

You are required to bring all of your materials to class.

- Writing equipment: Pencils, erasers, sharpeners/lead, pens and whiteout
- Notebooks
- Graph paper
- Binder
- Ruler
- Scientific calculator

Course Description:

The students are expected to complete the topics of the Math 4 CST program.

The topics include:

Algebra
Functions: <ul style="list-style-type: none">- Constant- Linear (Direct & Partial)- Rational- Quadratic (Second Degree): origin only- Exponential- Step Function: reading off the graph- Piecewise Function- Periodic Function
Inequalities
Analytical Geometry
Systems of Equations
Metric Relations
Trigonometry
Area of Triangles
Equivalent Figures
Similar Figures
Angles
Statistics

Notes

The students are expected to hand-write the notes in an organized manner in their notebooks. Homework books will be checked on random occasions.

Assignments/Quizzes/Tests

All assignments, worksheets, etc. are to be completed for the due date. If a student does not understand the material he/she is required to ask for extra help. Excuses for incomplete assignments due to lack of understanding will not be accepted.

Some assignments will be given on **mathhelpservices.com** other assignments will be given in class.

All assignments, worksheets, etc. are to be completed for the date due. Dates for **Tests/Quizzes** are to be determined. No extra time will be given. Absences from tests must be justified. Any make-up test is to be taken the day the student returns to school and at the discretion of the teacher.

Attendance

Students are expected to attend class regularly.

Students that participate in extracurricular activities or have prior knowledge of any absence must inform the teacher as soon as possible so arrangements can be made.

Tardiness

A student is considered late if he/she is not seated in their seat ready to work with all necessary materials when the bell rings indicating the start of class.

Electronic Devices

Electronic devices are not permitted in class unless specified by the teacher prior to the start of class. Social media is not permitted during class time.

Evaluation

Students will be evaluated by tests, quizzes, situational problems, assignments and projects. The breakdown of their final grade is as follows:

	Term 1 40%	Term 3 60%	Final Grade 100%
C1: Solves Situational Problem may include: <ul style="list-style-type: none">- Situational problems / Investigations- Homework	12%	18%	30%
C2: Uses Mathematical Reasoning may include: <ul style="list-style-type: none">- Class tests / Quizzes / Investigations- Homework	28%	42%	70%

Note:

For grades 9 and 11, the final exams for C1 and C2 can be worth 50% of term 3.
For grade 10, the final exams for C1 and C2 can be worth 50% of the year.

Important Dates:

- 23 September: Curriculum Night
- 18 November: Interim Report Cards
- 2 December: Parent/Teacher Interviews
- 8-14 December: Grey Days
- 15-17 December: Exams
- 17 December: C2 Midterm Exam
 - Sec 1 & 2 AM
 - Sec 3, 4 & 5 PM
- 5-10 January: Grey Days
- 11-13 Exams
- 28 January: Report Cards
- 10 February: Parent/Teacher Interviews
- 18 March: Interim Report Cards
- 24-31 May: Grey Days
- 1-9 June: Grey Days
- 10-22 June: Final Exams