Dear Parents, Guardians, and Grade 10 students: September 2021

On behalf of the grade 10 Mathematics Department, welcome to BLMS! For a successful year in mathematics, we feel that you should know about certain guidelines and expectations we have for our students. Please read these guidelines carefully, then detach, sign, and return the slip below. **If you find email a convenient way of communication, feel free to provide your email address on the slip below,** but please do not feel obligated to do so. There is also a list of materials required for Math 10 at the bottom of this page, and there is a detailed list of the Math 10 evaluation breakdown, units, and topics on the reverse side of this sheet.

***Guidelines and Expectations:***

* There is a curriculum set forth by the Department of Education for Math 10 to which we are legally bound. The province has two curricula for Math 10; **Number Relations & Functions 10** and **Geometry, Measurement and Finance 10**.
* A consistent method of calculating marks has been established and reviewed with students. The pass mark for all students at BLMS in all subject areas is 60%. Math assessments are held in January and June and are based on prescribed outlines.
* Test and evaluation dates are announced well in advance, and students should plan ahead for scheduled tests and assessments. Make-up tests for students who miss a test will be written on the first day of return to school, unless another time has been agreed upon in advance by the student and the teacher.
* All work, in class and online, is important and necessary and contributes towards each report card mark. This allows students to discover and understand new concepts presented in class. All assigned work must be completed; this means visible efforts was put forth for **every** question assigned in a clear manner using appropriate mathematical strategies, even for questions that may seem difficult.
* All assignments, worksheets, quizzes, tests, and exams **MUST BE COMPLETED IN PENCIL**.
* Students are expected to show **every** step involved in solving assignment, test, and exam questions. We cannot provide feedback on what we do not see.
* Students must be on time for class, bring necessary math equipment, follow the established classroom rules, behave respectfully, complete assignments on time, attend class regularly, and work to the best of their ability.
* Extra help is available during lunch and study block periods. It is the student’s responsibility to ask for extra help when experiencing difficulty or you may contact the teacher directly if you feel your child is struggling.
* Due dates are to be respected. If there is a problem regarding an assignment being passed in on time, the student is expected to see the teacher about an extension prior to the due date. Late assignments must be accompanied by a note.

Math is **FUN and CHALLENGING**, and being successful in this subject often leads to the development of excellent problem solving skills. Please help us to do the best that we can in teaching students to be successful in mathematics!

Sincerely,

Bobby Jo Hickey and Laura Ketch ☺

**REQUIRED MATERIALS FOR MATH 10:**

* Math notebook (a binder with loose leaf works best, dividers are recommended)
* graph paper (no more than 50 sheets required)
* **a scientific calculator** (consider having 2 and keeping one at home, one at school)**.**
* a ruler (15 cm or 30 cm)
* **pencils** (lots) and erasers
* **Geometry set** (compass and protractor required)

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We have read and understand the grade 10 math department’s guidelines and expectations for grade 10 math students.

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Student’s name (please print clearly) Parent’s/Guardian’s signature

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Student’s signature Parent’s/Guardian’s email address (if applicable)

**Geometry, Measurement and Finance 10 (2021 - 2022):**

***Bobby Jo Hickey and Laura Ketch***

**phone: (506) 523-7160**

***GMF 10 COURSE EVALUATION:***

Financial Math: Unit Pricing – 20%

Earning Income – 20%

Financial Services – 10%

Geometry: Trigonometry and Angles – 25%

Surface Area, Volume and Measurements – 15%

Problem Solving: Problem-Solving Strategies – 10%

*Note: This outcome-based category will include problems of the week and SCOs related to puzzles and games related to spatial reasoning*

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**Problem of the Week:**

* Problems will be made available every Monday before 8:30am and will be due before 3:30pm every Friday.

**Late Policy:**

* It is important to respect assignment deadlines.  If there is a problem regarding an assignment being passed in on time, the student is expected to see the teacher about an extension prior to the due date.  Late assignments must be accompanied by a note.
* If a student is absent on a due date, a written note from a parent or guardian must be presented upon the student’s return (or the office must be notified of the student’s absence), unless work is submitted online (and on time).

**Course Text:***(Pacific Educational Press) MathWorks 10 New Brunswick Edition*

***MATH 10 CURRICULUM:***

**Unit 1: Measurements and Conversions**

**Chapter 1: System of Measurement and Conversion**

**Unit 2: Financial Math**

**Chapter 2: Unit Pricing & Currency Exchange**

**Chapter 3: Earning Income**

**Chapter 4: Financial Services**

**Unit 3: Geometry**

**Chapter 5: Trigonometry of Right Triangles**

**Chapter 6: Mass, Temperature, Surface Area, Volume and Capacity**