

Vicente S.A. Benavente Middle School
8th Grade Mathematics Syllabus
SY 2017 – 2018
8C Blue Dragons

Teacher:
Mr. Michael Angelo B. Natuel

Email:
mbnatuel@gdoe.net

Contact Numbers:
(w) 632-5647; (c) 487-9328

Room 74

Team Website:
bmsbluedragons.weebly.com

School Website:
vsabms.weebly.com

Course Overview

The successful BMS eighth grade student will develop number and operation sense needed to verbally, symbolically, and graphically represent rational and irrational numbers and number relationships, compute fluently, and make reasonable estimates in problem solving. Students will also be able to use powers (down to cubed roots) to calculate and solve problems, as well as to represent and compare values written in scientific notation. Additionally, students will analyze and solve linear equations using multiple strategies and methods. Students will then define, evaluate, and compare functions using proportionality and slope. Finally, students will be able to understand and apply the Pythagorean theorem.

Common Core Guam Performance Standards

In Grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

Tentative Course Outline

| 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
|---|---|---|---|
| <ul style="list-style-type: none">▪ Rational & irrational numbers▪ Integer exponents▪ Square & cube roots▪ Scientific notation | <ul style="list-style-type: none">▪ Linear equations (one variable) | <ul style="list-style-type: none">▪ Slope, functions, systems of linear equations (two variables) | <ul style="list-style-type: none">▪ Pythagorean Theorem |

Classroom Rules

Students are expected to always ***Be Safe, Be Respectful, and Be Responsible*** in all areas of the BMS campus. Please refer to the student handbook for the BMS behavior matrix and school rules. Students of the 8C Blue Dragons Team are expected to always ***Be Ready, Be Respectful, and Be Responsible***.

- ***Be Ready*** = Arrive to class on time and be prepared to learn; always bring all necessary materials to class; finish all meals before entering the classroom; use the restroom during break and lunch; cellphones must be turned off before entering the classroom.
- ***Be Respectful*** = Use G-rated language at all times; do not disrupt the class while the teacher is lecturing or when students are learning; be open to new ideas and different opinions; keep hands and feet to yourself; do not touch others' belongings without their permission.
- ***Be Responsible*** = always bring all essential school supplies; complete your homework assignments before class; prepare for scheduled quizzes and tests.
- **Eating and drinking are prohibited in the classroom.** However, students are only allowed to drink bottled water.
- **No gum chewing in class.**
- **Uniform shirts must always be tucked in** before entering the classroom.

Consequences

The following consequences will be given to students who do not obey classroom rules:

- ***First Offense*** - Verbal Warning
- ***Second Offense*** - Parent Contact
- ***Third Offense*** – Student, Parent, & Teacher Meeting
- ***Fourth Offense*** - Referral to discipline office

Note: Students who commit major offenses (i.e. smoking/vaping, tobacco chewing, alcohol drinking, possession of illegal drugs/substances, etc.) will be directly referred and sent to the Discipline Office and handled by the School Administrator.

Attendance Policy

A student who is absent for 1–2 days must provide a valid excuse note written and signed by the parent/guardian in order to receive an excused absence. Students with three or more consecutive absences must provide a medical note from their family physician, dentist, etc. Please refer to the BMS student handbook for further guidelines on attendance procedures.

Make-Up/Late Work Policy

Students who provide a valid excuse note for their absence will be granted an opportunity to make-up the homework, quizzes, or tests that were missed on the day of their absence. Students who submit late homework assignments or miss

scheduled quizzes and tests without presenting a valid excuse note will be penalized.

Note: Students are responsible for obtaining make-up work from the teacher on the day they return to class.

Uniform Policy

Please refer to the BMS student handbook regarding the Board Policy on student uniforms.

Materials

Students are required to bring the following supplies each day:

- 1 – notebook
- 1 – folder
- loose leaf paper
- pencils & erasers

Grading & Evaluation Policy

Tests = 35%

Quizzes = 25%

Classwork = 35%

Homework = 5%

Homework

Homework assignments will be given on a regular basis in order to help students practice and reinforce learning done in the classroom and prepare them for quizzes and tests.

Classwork

Classwork will be assigned on a regular basis following lecture to assess student understanding of the lesson. Classwork must be completed and submitted to Mr. Natuel before the student is dismissed from leaving the classroom.

Quizzes

Quizzes will be announced during class time and will be used to assess student understanding of each learning standard and to prepare the student for unit tests.

Tests

Tests will be given at the end of each unit to assess the student's understanding of the unit's learning standards.

Extra Credit

Extra credit opportunities will be announced in class throughout the school year. Extra credit may also be given at the end of selected quizzes.

Academic Grading Scale

- A = 90 - 100%
- B = 80 - 89%
- C = 70 - 79%
- D = 60 - 69%
- F = 59% - below

Citizenship Evaluation

In addition to their academic evaluation, students will also be assessed for their citizenship in the classroom.

| | |
|-----------------------|---|
| E (Excellent) | Student is respectful, responsible, and safe in all aspects without question. Student <i>is</i> prepared for class and participates in class activities. |
| S (Satisfactory) | Student <i>is</i> respectful, responsible and safe. Student <i>is usually</i> prepared for class and participates in most class activities. |
| N (Needs Improvement) | Student <i>shows effort</i> in being respectful, responsible and safe. Student <i>tries</i> to be a prepared class participant. |
| U (Unsatisfactory) | Student <i>needs to work on</i> being respectful, responsible and safe. Student <i>is not</i> prepared or participates in class. |

Parental Expectations

There are certain **Parental Expectations** that must be met to ensure that your child reaches his or her maximum potential to become a successful student in Mr. Natuel’s math class. The following expectations include:

- **Monitor your child’s attendance in school.** While every effort is made to contact you in case of any questionable absences, **it is also your responsibility** to ensure your child is present and on time.
- **If your child is absent, please write them an excuse note** when they return to class. They should never come back to school without a note detailing the reason for their absence.
- **Complete and submit any documents as requested** by the teacher and/or school (i.e. progress reports, memos, etc.) in a timely manner.
- Provide the teacher and school with **updated contact numbers, email addresses** (if any), and other valuable contact information.
- Please ensure your child **has ALL the necessary materials** as specified in the syllabus before he or she attends school.
- **Monitor your child’s academic performance in school.** Ensure that your child completes ALL homework assignments and prepares for every scheduled math quiz and test.

Help Outside Class

Math can be a challenging subject to many. However, Mr. Natuel is here to help you succeed in math! If you are struggling with any of the concepts covered in class, let Mr. Natuel know that you need help and he will gladly provide tutoring sessions outside class time. Usually, Mr. Natuel will be available during most lunch periods and on certain intervention periods to provide you with the extra help that you need in learning and understanding math.

Contacting Mr. Natuel

Please email or call Mr. Natuel (see contact information on p.1) if you have any questions or concerns regarding the content covered in this syllabus. You may also contact Mr. Natuel at any time during the course of the school year if you have any questions or concerns about your child's academic performance in math. If Mr. Natuel is unavailable, he will reply to your emails and return your calls within 24 hours of being notified.

The instructor reserves the right to modify or change the course syllabus as needed during the term with reasonable notification to students.

Syllabus acknowledged by BMS School Administrator

Math Teacher's Signature

Mr. Michael Angelo B. Natuel

The student and parent/guardian must sign below. Detach this form from the course syllabus and return to Mr. Natuel the following class day. If there are any questions or comments, please feel free to call or write comments on the back of this form.

Upon reading this syllabus, I am aware of the course content requirements and expectations that will be taught this school year, what necessary materials I am expected to bring to my math class, and how my performance in this course will be evaluated. I understand the rules and regulations and the corresponding consequences of offenses.

Print Student's Name

Student's Signature

Date

I, as a parent/guardian, know what is expected from my child and understand the criterion that she/he will be graded on.

Print Parent/Guardian's Name

Parent/Guardian's Signature

Date