Blacklick Valley Jr./Sr. High School
8th Grade Math Course 3 Syllabus

Teacher: 555 Birch Street
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Course Description:

By the end of grade eight, students will understand and use the number system, algebraic equations, functions, and geometry. The standards are fully explained on the Pennsylvania Department of Education website:

https://static.pdesas.org/content/documents/PA%20Core%20Standards%20Mathematics%20PreK-12%20March%202014.pdf

Topics to be covered:

Unit 1: The Number System
- Rational numbers
- Exponents
- Scientific notation

Unit 2: Expressions and Equations
- One-step through multi-step
- Slope
- Constant rates of change
- Slope-intercept form

Unit 3: Functions
- Relations and functions

Unit 4: Geometry
- Triangles
- Angles
- Pythagorean Theorem
- Transformations

Textbook:

Glencoe Math Course 3 Volumes 1 and 2
You can access the textbook online:
https://my.mheducation.com/

Math textbooks are used DAILY! If you don't bring your textbook to class, it is difficult to learn the material. Bring your book to class everyday!

These books are yours to keep. They do NOT get turned in at the end of the school year. Losing your textbook means you will be charged for the replacement!

Requirements: Materials and Supplies

Materials/Supplies: Students are required to bring the following items to class everyday:
- Pencils (Ink cannot be erased!)
- 3 ring binder/Folder
- Chromebook/access to Google Classroom
- Calculator (BV issues ONE Texas Instruments TI-30IIS to every student.)

Rules & Classroom Management Policies:

Students are expected to come to class everyday prepared and ready to learn with a positive attitude. Students are required to act in a behavior conducive to learning, according to Blacklick Valley Schools code of conduct, and those rules established by Blacklick Valley Jr./Sr. High School. If students are not able to follow the rules, they will be disciplined according to the steps and procedures detailed in the Student Handbook.

Classroom Grading & Evaluation Policy:

The mathematics department will be weighting grades using the following categories:

50%	Assessments (Tests and Quizzes)	**A**	**100 - 93**
30%	Graded Classwork and Homework	**B**	**92 - 85**
20%	Participation (Completion Homework and Classwork)	**C**	**84 - 77**
100%	Total	**D**	**76 - 70**
		F	**69 and below**

Classwork: Participation in class activities and class assignments are important to informally assess student learning and understanding. All students are expected to participate in class. Participating in note-taking is a part of the class experience. Students are expected to take notes in their textbooks or on Google Classroom. Students are responsible for any work missed during class.

Homework: Students will receive homework Monday-Thursday to enforce key math concepts. Time is usually given at the end of the class to complete most of the assignment. Homework is due the next day, unless otherwise specified by the teacher. Any work that is not completed within 3 days will be graded as a ZERO. Homework can either be graded as a participation or graded homework.

Quizzes/Tests: You will have approximately one quiz per week and 2-3 tests in a 9-week period. Quizzes may be paper/pencil or through Get More Math. All tests will be paper/pencil and MUST be taken in my classroom. No online versions will be available. A test will be given at the conclusion of every Chapter. Students will have an in class review the day before the test, which will include sample test questions. Tests should be completed independently. Using notes, talking, or cheating during a test is **NOT** allowed. If a student is found doing such things, he/she will receive a 0% on the test and cannot make up the test.

Final Exams: **All students** will take the final exam at the end of the course.

Late/Make-Up Work:

Students are responsible for obtaining any missed work when they are absent. It is the students' responsibility to complete it and turn it in within a timely manner. Notes and other missing assignments must be obtained from another student or can be obtained by seeing the teacher directly. Students will have **TWO (2) DAYS** to make up missing assignments, tests, and/or quizzes.

Extra Credit Policy & Procedures:

Extra credit assignments are given periodically, and are for all students. Students have a choice whether they would like to participate or not. Extra credit will be offered at the teacher's discretion. Students should not rely on extra credit as a means for getting a high grade in the class, or as a means to pass the class as the end of a grading period approaches.

Tutoring:

  ✔ After-school tutoring will be available throughout the school year. Please utilize this when necessary.
  ✔ Homeroom/Google Classroom (7:15-8:00)
  ✔ 10th period homeroom (1:50-2:20) is a great time to make up your missing work and exams. Please make arrangements to attend. I will sign a pass for individual students.

Cell Phones:

The mathematics classrooms are **ALL RED ZONES (No cell phones permitted unless authorized by the teacher) for in-person instruction**. Students may place their cell phone in the calculator caddy hanging in the back of my room or they may leave their cell phones locked in their lockers.   If a student has a cell phone out in class without permission, it **WILL BE CONFISCATED** and turned in to the office. Chromebooks/cell phones are permitted to participate in teacher-approved exercises. (Kahoot, Get More Math, etc.)

Signature Acknowledgements

I acknowledge that I have read and received a copy of 8th Grade Math Syllabus. I will govern myself according to these rules, procedures, and expectations.

_____

Student Name

_____   _____

Student Signature   Date

_____

Parent Name

_____   _____

Parent/Guardian Signature   Date

_____

Cell Phone Number

_____

Home Number

_____

Work Number

_____

Email Address

If you have any questions or concerns regarding the course syllabus, please contact Mrs. Worthington.