2017-2018

Essential Math III

Syllabi

The purpose of Essential Math is to introduce, review, improve on mathematical skills students will continue to need on their educational path. Subjects and topics can go as fast, or as slow as the class will need them to go. The goal is for every student to feel comfortable going through the topics outlined below, and feeling success along the way. Students are encouraged to participate daily and be prepared for class each day.

**Topics to be covered:**

* **Chapter 1: Whole Numbers and Patterns**- Comparing, ordering and estimating whole numbers. Exponent review, order of operations, mental math, computation, and patterns
* **Chapter 2: Introduction to Algebra**- Understanding variables and expressions, adding, subtracting, multiplying and dividing algebraic equations.
* **Chapter 3: Decimals**- Understanding decimals (comparing, estimating, adding and subtracting decimals) and multiplying and dividing decimals
* **Chapter 4: Number Theory and Fractions**- Number theory (divisibility, greatest common factor, prime factorization), understanding fractions (decimals and fractions, equivalency, and mixed/improper fractions), comparing and ordering fractions, and adding and subtracting fractions with like denominators.
* **Chapter 5: Fraction Operations**- Adding, subtracting, multiplying and dividing fractions.Least common multiples, and various other types of fractions with the 4 basic math operations.
* **Chapter 6: Collecting and Displaying Data**- Organizing, displaying and interpreting data. Finding mean, median, mode and range, bar graphs, ordered pairs, line graphs and stem-and-leaf plots.

*2017-2018*

*Blaine High School*

**Matt Wilson**

Classroom Expectations

This school year we are going to have a lot of fun, and we will also learn. Learning is something we are gifted with, the ability to receive and apply knowledge to show we understand certain topics and objectives. There are however a few expectations that are going to be enforced while students are in my classroom. These will be revisited several times throughout the trimester.

1. **NO Cell Phones-**School policy is that students can have them, not in my classroom.

* 1st offense-warning to put away
* 2nd offense- Referred to their assistant principal.
* **Emergencies-** TALK TO ME!!! It happens, but do not do it on your own. This can be arranged. Emergencies is a family crisis, not a friend wanting to talk.

1. **Attendance-** This is very important, whether a freshman or a senior, be ON TIME!

* Attendance policy will be reviewed with students first day. It is strict, but necessary.
* It is the student’s responsibility to inform teacher of known absences so things can be arranged (i.e. homework, test extension, etc.)
* Skipping class (unverified absence) will result in a “0” for daily work.

1. **Make Ups-** Students will have the opportunity to make up work for unforeseen absences (i.e. Home sick). Arrangements can be made; email assignments, study guides, etc.
2. **Language-** My classroom is close to a church atmosphere, you do not swear in church.

* Words that are not allowed; F, G, B, N, R (words will be reviewed in class). Parent questions, email or call me.
* Students will be asked to leave if these words (or other vulgar words) are used regularly. A warning will be issued once, and then the appropriate measures will be taken. These words, as are so many others, are not acceptable and not necessary in the school setting.

1. **Homework-** Students will get homework, the expectation is that it is turned in ON TIME and done CORRECTLY. Mistakes will be made, but failure to complete work with an honest effort will not be accepted and returned.
2. **Cheating-** Please do not do it, if it happens, appropriate measures will be taken.
3. **Bullying/Harassment-** School policy will be enforced immediately if reported or seen.

* Students are to report any type of behavior that is impacting their learning. As a school and district, this is something we take very seriously and it will not be tolerated.
* Students will make mistakes, but they should not feel scared to participate in class because students might make fun of them, this is not tolerated. If we didn’t make mistakes, we would not be in school.

This is going to be a very exciting school year and I am very excited to work with the students. Again, all I am asking is that you try your best, participate in class, encourage others (not put them down), be respectful, and be engaged throughout the class period. I appreciate the time you take to review this with your student.

Matt Wilson

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Please call or email with ANY questions or concerns