

# Pre Algebra

## 2023-2024 Syllabus

### Coach Kuehl

#### **Course Description:**

Type of Course: Regular

Grade Level: 8

The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

#### **Materials:**

- 1 - 3 Ring binder
- Loose-Leaf Notebook Paper
- Pencil - use pencil **only** on all assignments
- **Spiral or Journal for Notes**
- Calculator
  - Students will need to use the TI-Nspire CX or CX II. Coach Kuehl will assign these on the first day. The replacement cost is \$140.00 so please take care of the calculator.

***\*Bring all materials to class daily.***

#### **Rules/Expectations:**

- Respect
  - Respect yourself.
  - Respect others.
  - Respect property (yours and others)
- Be on time and prepared.
  - Be seated before the tardy bell rings.
  - Bring materials to class every day.
- Maintain a positive attitude and a strong work ethic.

#### **Tutorials:**

- Before School: Monday – Friday from 7:30 to 7:45
- Lunch
- After School with a tutorial math teacher

***\*Let me know in advance.***

#### **Grading:**

##### **Semester Grades**

- 45% Test (including but not limited to test and projects)
- 45% Daily (including but not limited to classwork, homework)

- 10% Quizzes (approximately 5 per six-weeks)

***Cheating results in a zero for the assignment/test/quiz and disciplinary actions.***

**Final Grade:**

Please refer to the guidelines in the Student Handbook.

**Homework:**

Homework will be assigned daily and posted on the google classroom page as well. Work must be shown on all assignments. If there is no work, credit will not be awarded for the assignment.

**Late Work:**

Assignments are accepted within 2 days after the due date for a maximum grade of 70. Any assignments turned in later than 2 days will earn a maximum grade of 50.

**Make-Up Work due to Absence:**

- Students are responsible for getting his/her make-up work.
- Students will have the same number of days he/she was absent for completion.
- Students are responsible for attending tutorials to receive assistance.

**Failing Assignments/Exams:**

- The student is responsible for making arrangements with the teacher for an alternate assignment on daily assignments and tests..
- Students will not be allowed to retake a semester exam.

**State Assessment Dates**

Week of April 29, 2024                      8th Grade STAAR

**Online Assignments**

We will use a variety of online platforms. These include but are not limited to Study Island, Savvas, Google Classroom, and HRW. The students will login to these platforms the first week of school in order to become familiar with each.

**Google Classroom**

We will start the year performing some (not all) work in google classroom. In the event that a student has extenuating circumstances causing excessive absences, the entirety of his/her work will be performed in conjunction with google classroom.

**Join Codes:**

2nd Period: [pcspckb](#)

3rd Period: [zdjg3op](#)

4th Period: [du64jhj](#)

**Contact Information:**

Email: [joel.kuehl@bosquevilleisd.org](mailto:joel.kuehl@bosquevilleisd.org)

Phone: 254-752-8513

**Conference:** 2:46-3:35. Conferences must be scheduled at least one day in advance as a professional courtesy. Please schedule conferences with the school secretary, Jenny McNamara at (254)759-7077.

By signing, I acknowledge that I have received a copy of the 8th Grade Math syllabus. I understand the expectations, standards, and rules. I understand the grading policy in Pre-Algebra. I agree to abide by the guidelines of the syllabus and the Student Handbook. I understand that if I choose not to meet the standards and follow the guidelines, disciplinary actions may be taken which may include but not limited to parent conference, detention, and discipline referral.

\_\_\_\_\_  
Student name (printed)

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

The syllabus is to inform the parent/guardian and student of the guidelines and expectations. By signing, I am confirming that I have received a copy of Coach Kuehl's Pre-Algebra syllabus. Please sign and return by Friday, August 25, 2023.

\_\_\_\_\_  
Parent/Guardian name (printed)

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent/s contact number

\_\_\_\_\_  
Parent Email