Kisha L. Howard, Ed.S (Math Department Chairperson)

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**Welcome**

You are invited to participate in a collaborative classroom: a classroom where knowledge and learning is SHARED.  Research shows that learning takes place more effectively when students work together, use dialogue, and discuss different strategies or perspectives to become knowledgeable independent learners. This year will be heavy with real-world scenarios for students to solve. So, get ready for the adventure of the Melody of Mathematics with Mrs. Howard.

**Course Layout**

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| --- | --- | --- |
| Units | Approximate Time | Overview |
| Unit 1: Number System | 25 days | Express different representations of rational numbers (e.g., fractions, decimals, and percents) and interpret negative numbers in everyday context (e.g., sea level change). |
| Unit 2: Expressions, Equations, and Inequalities | 30 days | Solve two step equations and inequalities with rational numbers (whole numbers, fractions, and decimals) from contextual problems |
| Unit 3A: Ratios and Proportional Relationships | 15 days | Compute unit rate with ratios of fractions, constant of proportionality in tables, graphs, and equations, identify/represent proportional relationships, explain points on the graph of a proportional relationship |
| Unit 3B: Ratios and Proportional Relationships | 20 days | Solve problems using scale drawing, slope using similar triangles, graph proportional relationships, unit rate as slope, proportional relationships in tables/graphs/equations |
| Unit 4: Geometry | 20 days | Measure angle with protractor, write and solve equations for unknown angles, area of a circle, circumference of a circle, surface area of right prisms and cylinders, cross sections, volume of cylinders and right prisms |
| Unit 5: Probability | 15 days | Develop probability models, likelihood of simple events, make predictions using simulation information, compare theoretical and experimental probabilities |

Supplies: Three Binder, dividers with pockets, paper, pencils, handheld pencil sharpener, earbuds/headphones, highlighters (multi-colored), colored pencils

**Grading Policy**

* Major Assessment (test, projects) 40%
* Minor Assessments (quizzes, classwork, and other formative assessments) 60%

**ALL STUDENTS ARE REQUIRED TO MEET DUE DATE FOR ASSIGNMENTS**

**Homework**

Students are expected to practice and reinforce learning objective taught in class. Homework is given Monday-Thursday each week. Not completing homework negatively impacts student comprehension with creating a strong foundation for math.

**Absent Students/Missing Work**

If a student is absent, they must submit a note to teacher. All missing assignment, due to being absent, will be located in Canvas. It is the student’s responsibility to complete the missing assignments and submit. Students only have 5 school days to submit work.

Students that are present in class and refuse to complete the assignments will earn a 0. No makeup will be given in that situation.

**Discipline Plan**

1st Offense: Warning (notated in Infinite Campus)

2nd Offense: Parental Contact (notated in Infinite Campus)

3rd Offense: Discipline Referral (notated in Infinite Campus)

**Cellphones**

Cellphones usage in not allowed in class. All violations will result in the collection of the phone and turned into the front office and parent contact. Repeated violations will result in a Disciplinary Referral.

**Academic Honesty**

Cheating will not be tolerated. You will receive a zero on the test, etc. and your parents will be notified. You may not retest on the material you cheated on.

Wish List: Copy Paper (white and colored), Kleenex, hand sanitizer, dry erase markers

**Acknowledgement Sheet**

**(this page must be signed and returned to Mrs. Howard by August 11th. This is for a GRADE)**

We, parent and student, do agree that we have received a copy of the 7th Math Syllabus. We, parent and student, understand the class guidelines and expectations. We, parent and student, acknowledge that we have agree to the guidelines and expectations for being successful in 7th Grade Math.

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

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_