



## 5<sup>th</sup> Grade Advanced Math Syllabus

2023-2024

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### Course Overview

Welcome to math class! 5<sup>th</sup> grade advanced math builds on knowledge gained in previous grades. They continue in Envisions and work through eight main topics. These topics include extending their place value understanding of numbers to positive and negative rational numbers. Students will also work on algebraic expressions, along with solving one variable equations and inequalities. Students will also learn all about ratios, rates, and percentages. The end of the year will focus on area, surface area, volume, and data.

### Behavior Expectations

As scholars join the advanced math team, their ability to meet and exceed expectations for behavior becomes increasingly important. I utilize positive consequences (including awards, prizes, no homework passes, positive calls home, etc) when earned, and negative consequences (including stamps, reflection time, and parent contact) when necessary. I look forward to working with students and parents to ensure that all students behave in a manner that is honoring the Lord and respectful of our class community.

There are three simple expectations for my class:

- RESPECT. Respect God, yourself, your classmates, time, materials, the school, and me.
- RESPONSIBILITY. Come prepared to class with all materials, multiple sharpened pencils, and all homework completed. Know that you are responsible and accountable for your learning (I will help you along the way!).
- READINESS. Success requires hard work. Do your best on assignments, stay positive and focused on your goals, participate, and ask questions.

\*As always, all rules, procedures, and expectations of the school are always enforced in my classroom.

### Year-at-a-Glance

The school year will be divided into eight units:

- Unit 1: Use Positive Rational Numbers
- Unit 2: Integers and Rational Numbers
- Unit 3: Numeric and Algebraic Expressions
- Unit 4: Represent and Solve Equations and Inequalities
- Unit 5: Understand and Use Ratio and Rate
- Unit 6: Understand and Use Percent
- Unit 7: Solve Area, Surface Area, and Volume Problems
- Unit 8: Display, Describe, and Summarize Data

## Grading

Students' grades will be determined by performance in three weighted categories:

<b>Homework/Classwork</b>	30%
<b>Fact Fluency Quizzes</b>	20%
<b>Tests/ Projects</b>	50%

Students will take quizzes, will take a Unit Exam at the end of each unit of study covering the topics learned within the unit, and will also complete unit projects when applicable. Scholars are expected to master content with a score of 88% or higher on every assessment to stay in Advanced Math.

## Assessment Corrections

Students earning less than 70% on a quiz or unit test will be allowed to retest. They will have two weeks to complete the retake. Students are responsible for contacting the teacher to find a date and time for the test.

## Late Work

Homework and class work: Late work is marked 50% off the first day and not accepted after that.

## Absences and/or Make-up Procedures

When a scholar is absent, all missed work must be completed. It is the scholar's responsibility to consult with each of his or her teachers to make sure he or she is aware of all assignments. The time generally allowed to complete this work without a penalty will be the number of days the scholar was absent. For example, if a scholar was absent for one day, then he or she will have one day to make up any missed work. Upon return from an absence, the scholar must take the initiative to collect any missing assignments for unplanned absences such as illness. For planned absences, please make sure to fill out the absence request form from the office and send an email to give a heads-up the form is coming at least a week in advance. **All work must be completed before any planned absence to stay in Advanced Math.**

## Supplies

Scholars are expected to come to class prepared each day. Pencils will be the only writing utensil allowed.

## Help Sessions

Help sessions will be available for 4<sup>th</sup> and 5<sup>th</sup> grade advanced math on Wednesday mornings at 7:35 am in Room 1205.

## Contact Information

Emails are my preferred mode of communication. Please find my contact information below the heading of this syllabus.

**Parent Syllabus Acknowledgement Form**

I acknowledge that I've read and understand the 5<sup>th</sup> Grade Advanced Math Syllabus.

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

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

Must be returned by 8/25 to Mrs. Pun.

*Thank You!*