

Dear Parents and Guardians,

Welcome to Unit 4: Decimal Operations

Today, in class, your child received their Unit 4: Decimal Operations outline. It includes all of the learning targets taught in this unit, along with an example of each. In this unit students will be completing all four operations with decimals. Students will need to understand and apply the steps for completing each operation with decimals. Below you will find important information regarding your child's new math unit, Decimal Operations. You will find the skills that your child should already have mastered in order to succeed in this unit. You will also find information about the major assignments that will affect your child's grade for this unit.

Prerequisite Skills:

- Place value
- Addition, subtraction, multiplication & division of whole numbers
- Unit rate
- Determining the percent of a quantity
- Determining the total amount from a percentage
- Determining a percentage from a fraction

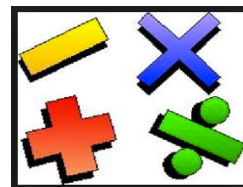


If your child needs extra practice in any of these areas listed above, please contact us so that we can provide extra resources to assist your child.

Mastery Quizzes: 50 pts. each

Mastery quizzes are short quizzes that assess 2 – 3 learning targets. Your child will be given this quiz once the learning targets have been taught in class. The best way to prepare for these quizzes is by completing classwork and homework. If your child is struggling with homework assignments please contact us, or have your child attend an extra help session.

- **Mastery Quiz #1:** _____ will assess the following learning targets:
 - I can add and subtract decimals
 - I can multiply decimals
- **Mastery Quiz #2:** _____ will assess the following learning targets:
 - I can divide a decimal by a whole number.
 - I can divide a whole number by a decimal.
 - I can divide a decimal by a decimal.
- **Mastery Quiz #3:** _____ will assess the following learning targets:
 - I can solve real world problems involving decimals.
 - I can solve real world unit rate problems with decimals.
 - I can solve real world percent problems.



Unit Test: 100 pts. Approximate date: _____

A multiple-choice exam based on the learning targets in the unit. Please review class notes and practice problems to prepare for the exam.

Performance Task: 100 pts.: Approximate date: _____

This is an in-class assessment. It is a multi-step word problem, where students apply the math concepts to real life situations. It is similar to the kind of questions students will see on the final day of the NYS assessment.

Culminating Project: 100 pts.

The culminating project will be assigned in the middle of the unit. It will not be due until the end of the unit. It will assess all learning targets. You will be able to access this on our online gradebook.

Learning Activities

Your child will be completing a variety of learning activities in class that reflect the learning targets for Unit 4. These will be graded, and you will be able to track your child's progress online.

Thank you for your continued support!

Unit 4 Clear Expectations Letter

Student Name: _____

Class: _____

Parent/Guardian Signature: _____

FOR TEACHER USE: Date returned: _____