

Math E4 Syllabus

2021/2022

Instructor Information

Instructor	Email	Office Location & Hours
Kim Donnell	kdonnell@cpsk12.org	A-days 2nd block - G211/SPED Office & B-days 3rd block - G211

General Information

Description

Math E4 builds foundational, computational, and problem-solving skills in the area of mathematics. Designed to help students prepare to master the skills required to complete prealgebra and algebra, this course provides math interventions and strategies through instruction, practice, and application.

Expectations and Goals

Each student will learn and improve their math skills. All students commit to learning and improving a variety of math skills through hard work and exploration.

Course Materials

Required Materials

- Folder
- Paper
- Pencils

*** Please let Ms. Donnell know if you need any of these supplies. ***

Optional Materials

calculator

Provided Text/Work

Transmath 4 Interactive Text

Schedule of Covered Concepts

Unit	Topic	Approximate number of days for the unit
1	Fractions and Decimals - fair shares, operations/organizing data, equivalent fractions, converting, calculating, statistics, multiply, simplify, fractions, decimals, number sense, choosing an operation, comparing decimals, indirect relationships, traditional method	17 days
2	Variables, Ratios and Proportions - variables, patterns, substitution, ratios, proportions, numeric & algebraic equations, using variables in formulas, creating word problems, tape diagrams, variables in formulas, solving word problems, translating algebraic & word statements	17 days
3	Inequalities and Working with Rates - inequalities, rates, using symbols of inequality, graphs, statement writing, word problems, compound inequalities, real-world applications, sets of numbers on a number line, complex rate problems	12 days
4	Algebraic Patterns and Percent - algebraic patterns, relationships, proportions, 100-square grid, discounts, tessellations, percentages, tables, percent increase	12 days
5	Algebraic Expressions & Surface Area 3D Shapes - solving, order of operations, algebra tiles, writing and simplifying expressions, finding surface area of three-dimensional shapes	12 days

Grading and Additional Information and Resources

Grading:

Grades are solely based on exam scores. Therefore, grades will be determined completely on summative performance.

Additional Information:

If you have additional questions, comments, or concerns, please feel free to contact me using the information listed above. Additionally, I encourage you to contact me to share any information you feel will be helpful in supporting your student's success. I am very excited to embark on a semester of knowledge acquisition and student achievement!

Additional Resources:

Math games included in the Transmath program options - Students can feel free to play math games to practice and improve their skills at appropriate/approved times.

Schoology folder labeled optional practice - contains links to various types of math practice opportunities (games, quizzes, tables, instruction, etc.) students can use to improve a variety of general math skills.

Thank you for your time and attention. Please feel free to contact me if you have questions and/or concerns. I look forward to working with you and your student to advance his/her math skills.