ELL math 1 and 2 syllabus

Kathleen Gingerich
Kathleen.gingerich@dmschools.org

ELL math 1 is designed for students that are new to the United States and have had little formal math education. This course focuses on the needed foundational skills that students need in order to be successful in Algebra I.

ELL math 2 is designed for students that are new to the United States and have had some math education but not up to current grade level.

Use of technology: Each student will be able to independently practice their math skills on frontrowed.com. The class code is k6qsp7. Students may have class time to work on this website or may access the website outside of school time.

Topics of study: There are 15 topics in ELL math 1.
The topics are read and write numbers.

- Compare numbers
- Place value
- Basic integers concepts
- Add and subtract whole numbers
- Multiply and divide whole numbers
- Properties of operations
- Basic fraction operations
- Comparing fractions
- Add and subtract fractions
- Multiply and divide fractions
- Basic decimal concepts
- Relate fractions, decimals and percents
- Add and subtract decimals
- Multiply and divide decimals

Topics of study: There are 10 topics in ELL math 2.
The topics are graphing rational numbers
Operations with rational numbers
Expressions
Algebraic properties
Solving equations
Fraction operations
Ratio and proportions
Solving percent problems
Linear graphs
Functions

Grading: Students will be graded according to Standard Reference Grading. Students will be given multiple opportunities to score proficient on each topic.