1 COURSE TITLES

MTH06E3 Summit Math 6

2 COURSE DESCRIPTION

In Stride's Grade 6 mathematics course, students deepen their understanding of multiplication and division of fractions to apply their knowledge to divide fractions by fractions, with an additional focus on increasing efficiency and fluency. Students gain a foundation in the concepts of ratio and rate as an extension of their work with whole number multiplication and division, and in preparation for work with proportional relationships in Grade 7. Students also make connections among area, volume, and surface area, and continue to lay the groundwork for deep algebraic understanding by interpreting and using expressions and equations.

3 COURSE LENGTH

Two semesters

4 PREREQUISITES

Math+ Yellow or equivalent

5 COURSE OUTLINE

SEMESTER 1
- Unit 1: Number Properties
- Unit 2: Fractions and Decimals
- Unit 3: Rational Numbers
- Unit 4: Expressions
- Unit 5: Equations
- Unit 6: Equations and Inequalities

SEMESTER 2
- Unit 1: Ratios and Rates
- Unit 2: Percents
- Unit 3: Area
- Unit 4: Surface Area and Volume
- Unit 5: Statistical Graphs
- Unit 6: Data Distribution
- Unit 7: Project: Data, Data Everywhere