Grade 5 MATH
(CCSS)

GOLDEN STANDARDS

In Grade 5, mathematics instructional time will focus on three critical areas:

1. Fluency with Whole Numbers and Decimals

Students will be able to extend division to 2-digit divisors, integrate decimal fractions into the place value system and develop understanding of operations with decimals to hundredths, and develop fluency with whole number and decimal operations.
(Common Core State Standards: 5.OA.A, 5.NBT.A, 5.NBT.B, 5.NF.B)

1-Place Value, Multiplication
2-Divide Whole Numbers
3-Add and Subtract Decimals
4-Multiply Decimals
5-Divide Decimals

2. Operations with Fractions

Students will be able to develop fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions).
(Common Core State Standards: 5.OA.A, 5.NF.A, 5.NF.B)

6-Add and Subtract Fractions with Unlike Denominators
7-Multiply Fractions
8-Divide Fractions

3. Geometry and Measurement

Students will be able to develop an understanding of volume. They will measure necessary attributes of shapes in order to determine volumes to solve real world and mathematical problems.
(Common Core State Standards: 5.OA.B, 5.MD.B, 5.G.A, 5.MD.A, 5.MD.C, 5.G.B)

9-Algebra: Patterns and Graphing
10-Convert Units of Measure
11-Geometry and Volume (Complete after Unit 6)

GOLDEN STANDARDS ASSESSMENTS
Beginning, Mid, and Year-End Assessment (Go Math Assessments)
Mid-Chapter Checkpoints as needed
Differentiated, Unit Chapter Assessments (1-11)
Individual Lesson, Ungraded, Formative Assessments

MAROON STANDARDS

1. Students will be able to relate mathematics to real world situations.

- Project Based Learning (At the end of each unit)
- Go Math Chapter Performance Tasks

BEARLY STANDARDS

1. Students will be able to explore, analyze, and discuss advanced mathematical concepts.

- Advanced, Independent Study, Project Learning Activities
- Go Math Chapter Performance Tasks
- Go Math Chapter Enrichment Activities
- Math Masters Projects