

# Trinity Christian School

## Third Grade Mathematics

### A. Grammatical Objectives:

#### **Review:**

1. Place value
2. Multiple digit addition with multiple addends
3. Multiple digit subtraction with borrowing, subtraction across zeroes
4. Telling time to the minute
5. Adding and subtracting money, making change
6. Writing numbers using words
7. Using the calendar
8. Rounding numbers

#### **New:**

1. Multiplication facts to x12
2. Multiple digit multiplication (Up to four-digit multiplicand by three-digit multiplier)
3. Measuring line segments to the nearest  $\frac{1}{4}$ ", functions, geometric shapes,
4. Introduction to division as the inverse of multiplication
5. Long division (Three-digit quotient by one-digit divisor)
6. Liquid measure
7. Parallel and perpendicular line segments
8. Area and perimeter
9. Decimals (place value to the hundredths) and fractions
10. Graphing and coordinate plane
11. Prime and composite numbers
12. Solving story problems using addition, subtraction, multiplication, division, time, calendar

### B. Grammar Teaching Methods:

1. Large group instruction
2. Use of worksheets, daily timed drills
3. Use of a variety of manipulatives, activities, and games to strengthen math skills

### C. Primary Texts and Materials:

1. Houghton Mifflin Math and assessments
2. Teacher created worksheets and assessments
3. <http://www.themathworksheetsite.com> for reproducible drills and worksheets
4. <http://www.math-drills.com> for reproducible drills and worksheets

### D. Approximate Time Per Week: 4 hours

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