

Math 5

Course Objective:

- to provide a research based instructional plan
- to include daily intervention strategies for skills and problem solving
- to present a wide variety of strategies to differentiate instruction
- to develop algebraic concepts and thinking
- to measure success with diocesan, national, and state-specific standards

The following concepts will be studied in fifth grade:

Unit 1 - Place Value of Whole Numbers and Decimals

Unit 2 - Data and Graphing

Unit 3 - Multiplication of Whole and Decimal Numbers

Unit 4 - Division of Whole and Decimal Numbers

Unit 5 - Factors, Multiples, Exponents, and Fraction Concepts

Unit 6 - Operations with Fractions

Unit 7 - Geometry

Unit 8 - Measurement

Unit 9 - Ratio, Percent, and Probability



Materials:

Harcourt Math textbook and practice workbook
notebook, pencils, and red pen

Assignments:

Students will normally have math homework every day. A workbook page is assigned after each lesson. In addition, there may be extra worksheets or textbook work required. Each quarter a larger math project will be assigned.

Grading:

Grades are determined using a point system. Only the **review** section of the workbook page is graded for 3 points since this work has been previously taught. The larger part of the workbook page is considered practice work. Tests, the quarter project, and additional assignments make up the remaining points. Each student also has a personal math folder which contains worksheets chosen for their particular needs. This is considered extra work. Students are **required** to complete extra folder work. Below are the **approximate** points per quarter and subject to change.

Worksheets graded	30 x 3 points	90 points
Chapter Tests	5 x 40 points	200 points
Unit Test	2 x 80 points	160 points
Quarter Project	1 x 100 points	100 points
Additional Assignments	100 points	100 points
Extra Folder Work	50 points	50 points
Total Approximate Points Per Quarter		700 points