

**Sacred Heart School**  
**Course Syllabus**  
**Mathematics**  
**Grade 3**

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Course Description: The third grade math program focuses on enabling students to become skillful problem solvers through a cohesive approach that emphasizes strategies and applications to problem formulation. Students grow in the understanding of math's inter-relatedness in the world as well.

General Course Objectives:

1. Students will become proficient in mastering addition, subtraction, multiplication, and division fact families.
2. Students will understand place value and read and write numbers through the millions place.
3. Students will learn to add and subtract numbers up to and including the hundreds of thousands place, with and without regrouping.
4. Students will develop and use mental map strategies for problem solving including money amounts.
5. Students will understand multiplication, learn to find missing factors and multiplied two and three digit numbers with and without regrouping.
6. Students will explore to his ability, learned to divide with one and two digit quotients with and without remainders and relate division and multiplication.
7. Students will study plane and space figures and learn about perimeter, volume, congruent and similar figures, cemetery ordered pairs, and area.
8. Students will estimate and measure in customary and metric units, read Fahrenheit and Celsius scales, learn to tell time to the minute and find elapsed time.
9. Students will collect, organize, and display data on graphs, do probability experiments, organize lists, and use graphs to solve problems.
10. Students will identify fractions, explore equivalent fractions, add and subtract fractions, and relate fractions and decimals.

Course Materials: Pearson, enVisionMATH series (2009) and components

Instructional Strategies: Whole group instruction, small group instruction, peer tutoring games, raps, individual reinforcement, SMART board presentations, magazine and coupon shopping and journal writing connections

Assessment: Teacher observation, class participation, drills, projects, classwork, quizzes, and tests.