Department: Elementary Mathematics

Course Title: Mathematics

Grade Level: 3

Length of Course: year

Primary Resources: McGraw Hill- My Math

Units of Study:

- **Chapter 1: Place Value**
- **Chapter 2: Addition**
- **Chapter 3: Subtraction**
- **Chapter 4: Understand Multiplication**
- **Chapter 5: Understand Division**
- **Chapter 6: Multiplication and Division Patterns**
- **Chapter 7: Multiplication and Division**
- **Chapter 8: Apply Multiplication and DIvision**
- **Chapter 9: Properties and Equations**
- **Chapter 10: Fractions**
- **Chapter 11: Measurement**
- **Chapter 12: Represent and Interpret Data**
- **Chapter 13: Perimeter and Area**
- **Chapter 14: Geometry**

Curriculum-Based Assessments: Embedded My Math Chapter Assessment

Standardized Assessments: AIMS Web; PSSAs

Description of Course:

My Math by McGraw Hill is a comprehensive mathematics curriculum designed for third-grade students. It covers a wide range of mathematical concepts and skills, helping students develop a strong foundation in mathematics. The course emphasizes problem-solving strategies, critical thinking, and real-world applications to make math meaningful and engaging for young learners.

Here is a general outline of the course content typically covered in third grade:

Number Sense and Operations:
- **Understanding place value up to thousands**
- **Addition and subtraction of multi-digit numbers**
- **Multiplication and division concepts, including basic facts**
- **Using mental math strategies and estimation**

Geometry and Measurement:
- **Identifying and classifying geometric shapes**
- **Understanding perimeter, area, and volume**
- **Measuring length, weight, capacity, and time using appropriate tools**
- **Exploring concepts of angles and symmetry**

Data Analysis and Probability:
- **Collecting, organizing, and interpreting data using tables, graphs, and charts**
- **Analyzing and making predictions based on data sets**
- **Understanding basic probability concepts**

Fractions and Decimals:
- **Recognizing and representing fractions**
- **Comparing and ordering fractions and decimals**
- **Adding and subtracting fractions with like denominators**

Patterns and Algebra:
- **Recognizing, extending, and creating patterns**
- **Understanding basic algebraic concepts, such as variables and equations**

Throughout the course, students engage in hands-on activities, problem-solving tasks, and real-life applications to deepen their understanding of mathematical concepts. Additionally, the curriculum incorporates opportunities for collaborative learning and the use of technology to enhance instruction and support diverse learning styles.