RATIONALE

The basis for a good mathematics program involves creating an environment where math is perceived as a way of thinking about the world around us. In this environment, the students uses logic to understand signs, symbols, and terms which will develop their confidence in expressing themselves when solving critical and creative problems.

COURSE DESCRIPTION

The first grade mathematics course utilizes the concepts of addition, subtraction, and strategies for addition and subtraction within 20. Developing an understanding of whole number relationships and place value, including grouping in tens and ones. Understanding linear measurement and measuring lengths as iterating length units; and reasoning about attributes of and composing and decomposing geometric shapes.

MOST IMPORTANT LEARNER OUTCOMES

I can statements:
1. I can represent and solve problems involving addition and subtraction.
2. I can understand and apply properties of operations and the relationship between addition and subtraction.
3. I can add and subtract within 20.
4. I can work with addition and subtraction equations.
5. I can count to 120, starting at any number less than 120.
6. I can read and write numerals and represent a number of objects with a written numeral.
7. I can understand and represent place value up to two digits.
8. I can use place value understanding and properties of operations to add and subtract.
9. I can measure lengths indirectly and by iterating length units.
10. I can tell and write time.
11. I can identify shapes and their attributes.

EVALUATION

First grade students are evaluated by teacher observation, student products, formative and summative tests, and individual oral testing.