

Rational

The basics for a good mathematical environment involves creating an atmosphere based on learning styles of individual students to be confident in his or her own ability to do mathematics and make connections across the disciplines as applies to his or her daily living.

Course Description

The third grade mathematics course will develop students who are confident in their mathematics skills through written and hands on practice. The course will include the development of multiplication and division and strategies for multiplication and division within 100. Developing understanding of fractions, especially unit fractions and developing understanding of the structure of rectangular arrays and of area; and describing and analyzing two-dimensional shapes.

Most Important Learner Outcomes

I can statements:

1. I can represent and solve problems involving multiplication and division.
2. I can understand properties of multiplication and the relationship between multiplication and division.
3. I can multiply and divide within 100.
4. I can solve problems involving the four operations, and identify and explain patterns in arithmetic.
5. I can use place value understanding and properties of operations to perform multi-digit arithmetic.
6. I can develop understanding of fractions as numbers.
7. I can solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
8. I can represent and interpret data.
9. I can understand concepts of area and relate are to multiplication and to addition.
10. I can recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.
11. I can reason with shapes and their attributes.

Evaluation

Third grade students are evaluated by teacher observations, performance events, formative and summative assessments, and MAP.