

Mathematics
2010-2011

Course description/ Descripción de la asignatura

The Grade 5 math program focuses on helping students make sense of mathematics in meaningful ways. It concentrates on developing number sense, which includes estimation and mental math, in the belief that students will become more proficient with computation and be better problem solvers.

There is a variety of manipulatives, math games and computer software to help students make sense of mathematics as well make the learning more enjoyable and stimulating. Throughout all units, the acquisition of problem-solving skills is emphasized. Students also keep a Math portfolio which shows a variety of mathematical work undertaken.

Objectives/ Objetivos:

- Students will become mathematically literate.
- Students will become mathematical problem solvers.
- Students will learn to reason mathematically.
- Students will learn to communicate mathematically.

Content/ Contenido:

- Data, graphs, and computation facts
- Whole numbers and decimals
- Multiplying whole numbers and decimals with 1-digit divisors
- Multiplying whole numbers and decimals with 2-digit divisors
- Dividing whole numbers and decimals with 1-digit divisors
- Dividing whole numbers and decimals with 2-digit divisors
- Geometry
- Fractions and mixed numbers
- Fraction operations
- Fractions and multiplication
- Length, perimeter and area

Assessment/ Evaluación

Tests, quizzes, performance tasks, rubrics

Resources

Scott Foresman Addison Wesley, Math, Grade 5 (ISBN: 0-201-36397-6)