

Grade Level: Fourth

**LESA  
Mathematics Curriculum  
2007**

**1. Number Sense and Operations**

(NCTM 2000 #1; MO #5 & 9; IL #6)

**A. Demonstrate knowledge and use of numbers: representations, systems, and relationships.**

<u>Objective</u>	<u>Suggested Activities</u>	<u>Suggested Assessment</u>
<b>The student will be able to:</b>		
1 - read and write standard numerals through 100 millions.	Have students record and read numerals dictated by teacher.	Teacher observation
2 - identify parts of a whole.	Use fraction bars to visualize parts of a whole.	Worksheets/daily assignments
3 - recognize simplest form in mixed and improper fractions.	Use fraction bars to help visualize parts of a whole.	Teacher observation
4 - understand exponents to the 3rd power.	Use area of squares and volume of cubes to show exponents.	Daily assignments, Testing
5 - understand the concept of greatest common factor.	List factors of a number.	In class board examples and daily activities
6 - understand the concept of least common multiple.	List multiples of a given number.	In class board examples and daily activities
7 - understand the concept of a prime number.	List multiples of prime numbers.	In class board examples and daily activities
8 - recognize numbers less than zero by extending the number line and through familiar applications.	Use real world applications such as temperature and sea level.	Student demonstration