

**7th Grade Math
Curriculum Map
2006-2007 School Year**

| Month | Content | Skills | Assessment | Essential Questions | Standards |
|----------|---------------------|---|---|---|--------------------------------------|
| Aug/Sept | Decimal Concepts | -Round whole numbers and decimals to the given place value. -Read decimals correctly using the correct place value. -Comparing and ordering decimals. -Adding, subtracting, multiplying, and dividing decimals. -Estimate by rounding and using compatible numbers. | -Discussions -Worksheets and assignments covering selected skills. -Journal checks -Quizzes and test -Projects -Extended Responses | -What is the order of place values? -How do you order and compare decimals? -What does it mean to estimate? | 6.7.03 6.7.05 6.7.08 6.7.09 |
| | Exponents | -Understand the difference between the base and exponent. -Rewrite and solve problems without the exponent. | -Journal checks -Discussions -Worksheets -Quizzes and test | -How do you rewrite problems without the exponent? | 6.7.01 6.7.04 |
| | Scientific Notation | -Use exponents to write powers of ten. -Write large and small numbers in scientific notation. | -Practice ISAT problems -Worksheets -Quizzes and test -Discussions | -When can we use scientific notation? -How do you rewrite scientific notation into standard form? | 6.7.01 |
| | Number Sense | -Use divisibility rules to find factors of numbers. -Understand the difference between a prime and composite number. -Write any number as a product of primes (prime factorization). -Find the greatest common factor (GCF) and least common multiple | -Discussions -Oral examinations -Worksheets -Quizzes and test | -What are the divisibility rules of #2-10? -What is the difference between a prime and composite number? -When do we need to use the GCF and LCM? | 6.7.07 |