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