

St. Philip Neri Catholic School

Student:

Teacher:

School Year: 2006-2007

Seventh Grade Report of Progress

Pre-Algebra

ASSESSMENT RUBRIC

4	3	2	1	X
CONSISTENTLY ABOVE STANDARD	MEETING STANDARD	MAKING PROGRESS TOWARD STANDARD	MAKING MINIMUM PROGRESS TOWARD STANDARD	NOT EVALUATED AT THIS TIME

PRE-ALGEBRA

Trimester II III	I	II	III
Effort/Participation			
Knows basic math facts (+, -, x, /)			
Number Sense			
Read, write, and compare rational numbers in scientific notation (positive and negative powers of 10)			
Differentiate between rational and irrational numbers			
Calculate % increase and % decrease of a quantity			
Understand and compute problems involving exponents, both positive and negative			
Understand the meaning of the absolute value of a number; interpret the absolute value as the distance from zero on a # line			
Algebra and Functions			
Use variables and appropriate operations to write an expression, equation, and inequality			
Represent relationships graphically			
Graph functions of the form $y=nx^2$ and $y=nx^3$			
Graph linear functions and determine the slope of the line			
Measurement and Geometry			
Use formulas for finding the perimeter and area of two-dimensional figures and the surface area and volume of three-dimensional figures			
Identify and construct basic elements of geometric figures by using a compass, ruler, and protractor			
Know and understand the Pythagorean Theorem and use it to find the length of a missing side of a right triangle			
Identify and verify congruence between two or more figures			