Grade 6						
Computation and Operation	**Data Analysis, Statistics, Probability**	**Reasoning, Problem Solving**	**Measurement, Time and Money**	**Number Sense**	**Patterns, Functions and Algebra**	**Spatial Sense and Geometry**
____ I can add, subtract, multiply and divide fractions without a calculator.	____ I can interpret different types of graphs.	____ I can apply different strategies to solve a problem.	____ I can write measures of time as a fraction, mixed numbers, and decimals.	____ I can write and read numbers in various forms.	____ I can apply the correct order of operation and grouping symbols when using a calculator.	____I can calculate the perimeter and area of rectangles, squares, triangles, parallelograms circles and other complex figures
____ I can understand the relationship between multiplying and dividing by powers of 10 and decimal movement.	____ I can construct different types of graphs.	____ I can explain/show the ways I solve a problem.	____ I can convert units within the customary system.	____ I can order integers using inequality symbols.	____ I can write verbal expressions.	____I can find a missing length of rectangles, squares, triangles, parallelograms and circles
____ I can round a digit to a given decimal place.	____ I can construct different types of tables.	____ I can interpret the reasonableness of my answer.	____ I can convert units within the metric system.	____ I can compare integers using inequality symbols.	____ I can write algebraic expressions.	____I can calculate the volume of prisms, pyramids, cones and spheres.
____ I can use rounding to estimate a given answer.	____ I can calculate the mean, median, mode and range of a given set of data.	____ I can distinguish between relevant and irrelevant information.	____ I can write measures of distance as fraction and mixed numbers.	____ I can compare fractions, decimals and mixed numbers using inequality symbols.	____ I can solve verbal expressions.	____I can calculate the surface area of prisms, pyramids, cones and spheres.
____ I can show appropriate use of a calculator.	____ I can find outliers in a given set of data.	____ I can prioritize information in order to solve a problem.	____ I know the metric standards of measurement (milli, centi, kilo).	____ I can order fractions, decimals, and mixed numbers using inequality symbols.	____ I can solve algebraic expressions.	
____ I can calculate rations, rates and proportions	____ I can show probable outcomes in a table or chart.	____ I can use grade - appropriate mathematical vocabulary.		____ I can estimate an answer using integers, decimals or fractions.	____ I can apply the correct order of operation to simplify and solve algebraic expressions.	
____I can calculate percent of change	____ I can calculate probability of a independent and dependent event.	____ I know when it is appropriate to use a calculator.		____ I can round an answer using integers, decimals or fractions.	____I can solve one and two-step equations	
____I can find tax, tip, commision, discount and markups	____ I can find the experimental probability of an event.			____ I can calculate the least common multiple of whole numbers.	____ I can apply distributive property	
	____ I can calculate the theoretical probability of an event.			____ I can calculate the greatest common factor of whole numbers.	____ I can graph ordered pairs on a coordinate plane	
	____ I can calculate the odds of an event.			____ I can write numbers using prime factorization.	____ I can solve for a given variable	
	____ I can understand probability results.			____ I can locate positive and negative numbers on a number line.		
	____ I can draw tree diagrams to find probability of an event.			____ I can compare positive and negative numbers on a number line.		
	____ I can calculate counting principle to find probability of an event.			____I can add, subtract, multiply and divide intergers without a calculator		