Student:

6<sup>th</sup> Grade Mathematics Standards Grading Sheet

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Standard	CRT	Date or Grade									
Standard 1: Number	25										
Objective 1: Represent whole numbers and	5			1							
decimals in a variety of ways. (place value,				1							
expanded notation, pri/comp/neith, exponents,		1		1						1	
scientific notation, prime factorization)											
Objective 2: Identify relationships among whole	5			1							
numbers, fractions, decimals, and percents.		1		1						1	
(order/compare/locate on a # line, GCF, LCM,				1							
fraction/decimal/percent)											
Objective 3: Model and illustrate meaning of	5			I							
operations and describe how they relate. (+-x÷				1							
fractions and decimals, +strategies including			_	-	-						_
decimals, # sentence for 2 step prob., rules of				1							
divisibility)				1							
Objective 4: Use fractions and percents to	5	<del>                                     </del>		+	_	_	_	_		_	$\vdash$
communicate parts of a whole. (simplest form,	3			1							
fraction as ratio, equivalent frac/ratio/dec/%)				1							
Objective 5: Solve problems using the four	_	+	-	+	+	+	+	-	<del>                                     </del>	_	$\vdash$
operations with whole numbers, decimals, and				1	1						
				1	1						
fractions. (multiply 3-dig by 2 dig whole #s and	_	<b>—</b>	-	+	-	+	-	-	-	-	-
decimals, divide w/2 dig divisor whole and dec., +-	5			1	1						
decimals to thousandths, +-x÷ fractions and mixed		1				1				1	
#s, ratio and proportion, order of ops)				_							
Objective 6: Model, illustrate and perform the				1							
operations of addition and subtraction of				1							
integers.											
Standard 2: Algebra	10										
Objective 1: Recognize, analyze, and use	5										
multiple representations of patterns and				1							
functions and describe their attributes. (graphs,				1							
tables, equations)				1							
Objective 2: Represent, solve, analyze	5										
mathematical situations using algebraic symbols.				1							
(two-step equations, $3n = 3 \times n$ , $\approx$ , exponents)				1							
Standard 3: Geometry	10										
Objective 1: Identify and analyze characteristics	5			_	_						
and properties of geometric shapes. (midpoint of	3			1							
line segment, concave/ convex polygons, center/											
radius/ circumference/ diameter of circles, faces/				1							
edges/ vertices of pyramids and prisms)				1							
	-	_	-	+-	+		_	_	_	_	-
Objective 2: Specify locations and describe				1							
spatial relationships using coordinate geometry.		1		1						1	
(ordered pairs and points in four quadrants )	4	_	-	-	_		_		_	_	-
Objective 3: Visualize and identify geometric	l _			1							
shapes after applying transformations. (slide,	5	1		1						1	
flips, turns on coordinate grid)		_		_	$\vdash$					_	
Standard 4: Measurement	10										
Objective 1: Identify and describe measurable	5										
attributes of objects and units of measurement.		1				1	1			1	
(est. length, volume, weight, area in metric and				1							
customary, π, angles, relationship of units)											
Objective 2: Determine measurements using	5										
appropriate tools and formulas. (measure length,		1		1	1	1	1	1	1	1	
		<b>—</b>	-	+	-	+	+	+	-	-	-
volume, surface area, angles, circumference,	1			1	1						
elapsed time, area of triangles/rectangles/		1		1	1	1	1	1	1	1	
					_	_					
elapsed time, area of triangles/rectangles/ parallelograms)	10										
elapsed time, area of triangles/rectangles/ parallelograms)  Standard 5: Data and Probability	10										
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elapsed time, area of triangles/rectangles/ parallelograms)  Standard 5: Data and Probability  Objective 1: Design investigations to reach conclusions using statistical methods to make											
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elapsed time, area of triangles/rectangles/ parallelograms)  Standard 5: Data and Probability  Objective 1: Design investigations to reach conclusions using statistical methods to make inferences based on data. (graphs, frequency tables, stem and leaf plots, scatter plots, scale)  Objective 2: Apply basic concepts of											
elapsed time, area of triangles/rectangles/ parallelograms)  Standard 5: Data and Probability  Objective 1: Design investigations to reach conclusions using statistical methods to make inferences based on data. (graphs, frequency tables, stem and leaf plots, scatter plots, scale)	5										