				PK						ł	<				G1					G2		G3		G4		G5	G6
Standard	Grade	Common Core Mathematics Standards	Free Explore	Counting	Letters	Make 10	Race	Letters	Measuring	Addition	Subtractionsr	Challenge	Traffic Jam	Line Dance	Motors	Gears	Pulleys	Dancing Birds	Spinning Top	Drumming Monkey	Ride Challenge	Amazing Adventure Story	Vehcile Challenge	Soccer	Burglar Alarm Challenge	NXT Introduction	Dragster Challenge
1.1	Practices	Make sense of problems and persevere		x	x	х	0	x	х	х	x	x	х	x	x	x	х	x	x	x	x	0	0	x	x	х	x
12		In solving them. Reason abstractly and quantitatively		x	x	x	0	x	x	x	x	x	x	x	x	x	x	x	x	x	x	0	0	x	×	x	×
1.2		Construct viable arguments and critique			Ĵ	~		~	<u>^</u>	~			~	~	~	~	~	~	~	<u>^</u>	~	0	•			~	Â
1.3		the reasoning of others.		X	×	x	0	X	X	X	X	×	X	X	X	x	X	x	X	X	X	0	0	x	x	x	X
1.4		Model with mathematics.		X	X	X	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0	0	X	X	X	X
1.5		Attend to precision		0 X	0 X	0 X	0	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0 X	0	0	0 X	0 X	X	X
1.7		Look for and make use of structure.		x	x	x	0	x	x	x	x	x	x	x	x	x	x	x	x	x	x	0	0	x	x	x	x
1.8		Look for and express regularity in		v	v	v		v	×	x	v	v	×	x	x	¥	¥	Y	Y	×	×	0	0	v	v	×	×
1.0		repeated reasoning.		^	^	^	Ŭ	^	^	^	^	^	^	^	^	^	^	^	^	^	^	0	0	^	^	^	^
	Counting an	d Cardinality																									
MA.1	РК	in meaningful contexts.		x		х																					
MA 2	РК	Recognize and name written numerals		x		х																					
		Understand the relationships between		l v		v																					
MA.3	PK	numerals and quantities up to ten.		<u>^</u>																							
		Count many kinds of concrete objects																									
		correspondence, and accurately count as		x		х																					
		many as seven things in a scattered																									
MA.4	PK	configuration.							_																		
1	ĸ	Write numbers from 0 to 20 Represent a							0	0	0	0															
		number of objects with a written numeral							v	v																	
		0-20 (with 0 representing a count of no							x	x	X																
3	К	Objects).																									
		numbers and quantities; connect							x	x	x	0	о	o													
4	к	counting to cardinality.																									
		When counting objects, say the number																									
		each object with one and only one							x	x	x	0	0	0													
		number name and each number name							~	^		Ŭ	•	Ũ													
4.A	к	with one and only one object.																									
		Understand that each successive							x	x	x		0	0													
4.C	к	one larger.							~	^		Ŭ	•	Ũ													
		Count to answer "how many?" questions																									
		about as many as 20 things arranged in																									
		as many as 10 things in a scattered							х	х	х	x	х	х													
		configuration; given a number from 1-20,																									
5	K	count out that many objects.																									
	Operations a	Represent addition and subtraction with																									
		objects, fingers, mental images,																									
		drawings, sounds (e.g., claps), acting out							0	х	х																
1	ĸ	situations, verbal explanations,																									
5	K	Fluently add and subtract within 5.							0	х	x		х														
		Write simple expressions that record																									
		calculations with numbers, and interpret								x	x																
2	Grade 5	them																									
-	Numbers ar	nd Operations in Base Ten																									

4	Grade 4	Fluently add and subtract multi-digit whole numbers using the standard algorithm.															x		
1	Grade 5	Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.															o		
2	Grade 5	Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.																x	
3	Grade 5	Read, write, and compare decimals to thousandths.																0	
4	Grade 5	decimals to any place.																0	
	The Numbe	r System																	
2	Grade 6	Fluently divide multi-digit numbers using the standard algorithm.																	x
	Ratios and I	Proportional Relationships																	
1	Grade 6	use ratio language to describe a ratio relationship between two quantities.																	x
2	Grade 6	Understand the concept of a unit rate a/b associated with a ratio a:b with $b \neq 0$, and use rate language in the context of a ratio relationship.																	x
3	Grade 6	Use ratio and rate reasoning to solve real world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.																	x
3.b	Grade 6	Solve unit rate problems including those involving unit pricing and constant speed.																	x
	Expressions	and Equations																	
2	Grade 6	Write, read, and evaluate expressions in which letters stand for numbers.																	0
6	Grade 6	Use variables to represent numbers and write expressions when solving a real- world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.																	0
7	Grade 6	Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ q for cases in which p, q, and x are all paragraphic straight numbers																	x
7	Measurmen	t and Data																	
		Describe measurable attributes of																	
		objects, such as length or weight. Describe several measurable attributes						x											
1	ĸ	or a single object. Know the relationships of time, including seconds in a minute, minutes in an hour, hours in a day, days in a week, a month, and a year; and weeks in a month and a												x					
MA.7.a	Grade 2	year.																	
	Geometry	Identify relative positions of objects in space, and use appropriate language	v	v		v	v			Y	v								
		(e.g., beside, inside, next to, close to,	^	^	^	^	^			~	^								
MA.1	ואא	above, below, apart).																	

G	к	Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).			ο		ο							
1	к	Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.			o		0							
	Statistics ar	d Probability												
6.SP	Grade 6	Develop understanding of statistical variability												x
5	Grade 6	Summarize numerical data sets in relation to their context,												0

X = addresses standard

o = partially addresses standard