



Pacing Guide 4th Grade Math

August					Standards	Topic	Essential Questions	Additional Resources
M	T	W	T	F				
12	13	14	15	16	NBT.1; NBT.2; NBT.3	Place Value	How does place value help represent the value of digits?	* textbooks, manipulatives, other items used as needed at teacher's discretion
19	20	21	22					
26	27	28	29	30				
September								
M	T	W	T	F				
2	3	4	5	6	see above	Place Value	see above	
9	10	11	12	13	OA.3; OA.3a; OA.5; NBT.4	Multi-Digit Addition and Subtraction	What strategies can I use to add or subtract?	
16	17	18	19	20				
23	24	25	26	27				
October								
M	T	W	T	F				
30	1	2	3	4	OA.1; OA.2; OA.3; OA.3a; OA.4; OA.4a; OA.5; OA.7; NBT.5	Multiplication	What strategies can I use to multiply multi-digit numbers? How are addition and multiplication related?	
7	8	9	10	11				
14	15	16	17	18				
21	22	23	24	25				
28	29	30	31	1				
November								
M	T	W	T	F				
4	5	6	7	8	OA.2; OA.3; OA.3a; OA.5; OA.6; OA.7; NBT.6	Division	What strategies can I use to find a quotient with a single-digit divisor? How are subtraction and division related? How do I interpret a remainder?	
11	12	13	14	15				
18	19	20	21	22				
25	26	27	28	29				
December								
M	T	W	T	F				
2	3	4	5	6	see above	Division		
9	10	11	12	13				
16	17	18	19	20	MD.3	Area/Perimeter	Why is it important to measure perimeter and area?	

January					Standards	Topic	Essential Questions	Additional Resources
M	T	W	T	F				
6	7	8	9	10	MD.2; NF.1; NF.2; NF.3; NF.3a; NF.3b; NF.3c; NF.3d; NF.4; NF.4a; NF.4b; NF.4c; NF.5; NF.6; NF.7; NF.8	Fractions and Decimals	How can different fractions name the same amount? How can I use operations to model real-world fractions? How can a fraction be represented by a decimal, and vice versa?	textbooks, manipulatives, other items used at teacher's discretion
13	14	15	16	17				
20	21	22	23	24				
27	28	29	30	31				
February								
M	T	W	T	F				
3	4	5	6	7				
10	11	12	13	14				
17	18	19	20	21				
24	25	26	27	28				
March								
M	T	W	T	F				
2	3	4	5	6	MD.5; MD.5a; MD.5b; MD.6; MD.7; G.1; G.2; G.3	Geometry	How can parallel and perpendicular lines be identified? How can you identify and measure angles? What properties do quadrilaterals have in common? How can you determine where lines of symmetry are found in on two-dimensional figures?	
9	10	11	12	13				
15	16	17	18	19				
23	24	25	26	27				
April								
M	T	W	T	F				
6	7	8	9	10	MD.1; MD.2	Measurement	How can you estimate, measure, and convert customary and metric units of length, volume, time, and mass?	
13	14	15	16	17				
20	21	22	23	24				
27	28	29	30	1				
May								
M	T	W	T	F				
4	5	6	7	8	see above	Measurement		
11	12	13	14	15				

18	19	20	21	22	MD.4; MD.8	Graphing	How can you define and find the mean, median, and mode of a set of data? How can you interpret and create line plots with fractional intervals to show data?	
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* Real-world connections will be utilized throughout each topic to allow students to demonstrate their understanding of each standard.