

Elementary Math; Grade 2

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources- from LearnZillion and some lessons from Go Math. Please watch the videos for understanding the math.
Quarter 1 Aug 10 – Oct 16	1	First few days focus on the Standards of Mathematical Practice and Math Class rituals and routines. Begin OA.2.2 (fluently +/- within 20 using mental strategies) Focus on this standard all year.	LearnZillion-2.OA.2 , Go Math Lessons 3.1-3.7
	2	MD.4.9 (generate measurement data by measuring lengths of objects- make a line plot); MD.4.10 (draw a picture graph and a bar graph to represent a data set....)	LearnZillion-2.MD.9 ; LearnZillion-2.MD.10 Go Math Lessons 10.1-10.6
	3	Continue with MD.4.9 and MD.4.10 then begin G.1.1 (recognize and draw shapes with specified attributes...)	Shapes-Go Math Lessons 11.1-11.5
	4	Assess MD.4.9, MD.4.10, and G.1.1 together. Begin OA.3.3(odd and even numbers) and NBT.1.1- place value of 3 digits; NBT.1.2 count within 1000 and skip count	LearnZillion-2.G.1 ; 2.OA.3 ; LearnZillion-NBT.1 ; LearnZillion-NBT.2 Even/Odd-Go Math Lessons 1.1, 1.2
	5	Continue OA.3.3, NBT.1.1 and NBT.1.2 then begin NBT.1.3 (read/write numbers to 1000 using base-ten numerals, number names, and expanded form); NBT. 2.8 (mentally +/- 10 or 100....)	LearnZillion-2.NBT.3 ; LearnZillion-2.NBT.8 Go Math Lessons 1.3-1.9, 2.1-2.11
	6	Continue with OA.3.3, NBT: 1.1, 1.2, 1.3, 2.8 and address NBT.1.4(comparing 3 digit numbers....) Assess OA.3.3, NBT.1.1, 1.2, 1.3, 1.4, and 2.8 together	LearnZillion-NBT.4
	7	OA.2.2 (+/- within 20 with NEAR DOUBLES only); OA.3.4 (use + to find total # of objects in a rectangular array) Assess OA.2.2 and 3.4 together	LearnZillion-OA.4 , Go Math Lessons 3.10, 3.11
	8	OA.2.2 (+/- within 20 with NEAR DOUBLES only); OA.3.4 (use + to find total # of objects in a rectangular array) Assess OA.2.2 and 3.4 together	LearnZillion-2.OA.2 , Go Math Lessons 3.1, 3.2
	9	Model-Eliciting Activity based on a standard or more from this quarter	
	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 20 – Dec 18	1	Continue to work on OA.2.2 (fluently +- within 20); NBT.2.9 (explain why +/- strategies work, using place value and properties of operation), NBT.2.5 (fluently +/- w.in 100 using strategies based on place value, prop. of operations, and/or the relationship btw +/-)	LearnZillion-2.NBT.9 ; LearnZillion-2.NBT.5 , Go Math Lessons 4.6-4.8, 5.1-5.8
	2	2.MD.2.6 (whole numbers as lengths from 0 on a number line...); OA.1.1 (use +- within 100 to solve one word problems...)	2.MD.6 ; LearnZillion-2.OA.1 Go Math Lesson 9.4
	3	Continue NBT.2.9, 2.5, MD.2.6, and OA.1.1 then assess altogether; Begin OA.1a (determine the unknown whole number in an equation relating four or more whole numbers; focus on 1 digit numbers with different operations of each side of the equal sign and different number of addends on each side.)	

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

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	4	Continue OA.1a then assess	
	5	G.1.3- partition circles and rectangles into two, three or four equal shares; describe with halves, thirds, half of, a third of, etc.	LearnZillion-2.G.3 , Go Math Lessons 11.7-11.10
	6	MD.3.8- Solve one and two step word problems involving like coins, skip counting, and combos up to \$1 for this quarter	LearnZillion-2.MD.8 , Go Math Lessons 7.1-7.5
	7	MD.3.7- tell and write time to the nearest 5 minutes on an analog and digital clock	LearnZillion-2.MD.7 , Go Math Lessons 7.8-7.11
	8	Assess G.1.3, MD.3.8, 3.7 together	
	9	Model-Eliciting Activity based on a standard or more from this quarter	
Quarter 3 Jan 6 – Mar 17	Week	Major Concepts / Topics	Possible Resources
	1	Continue to work on 2.OA.2.2; MD.3.7 (telling time to the ½ hour and ¼ hour) then assess at week's end	Go Math Lessons 7.8-7.11
	2	NBT.2.6 (add up to four two-digit numbers using strategies based upon place value using place value strategies and prop. of operation); OA.1a (determine the unknown whole number in an equation relating four or more whole numbers; focus on 2 digit numbers from different operations this quarter	LearnZillion-2.NBT.6 , Go Math lessons 4.1-4.4, 4.11-4.12
	3	NBT.2.7 (+/- within 1000..... for 3 digit numbers); MD.2.6 (represent whole numbers as lengths form 0....represent whole number sums and differences within 100 on a number line) Assess MD.3.7, 2.6, NBT.2.7, and OA.1.a together.	LearnZillion-2.NBT.7 , Go Math Lessons 6.1-6.10
	4	OA.1.1 (+ or – within 100 with two step word problems involving regrouping); MD.3.8- money (up to \$5 and word problems)	LearnZillion-2.OA.1 ; LearnZillion-2.MD.8 , Go Math Lessons 3.8, 3.9
	5	Continue OA.1.1 and MD.3.8 then assess these two together	
	6	MD.1.1, 1.2 (measure the length of an object to the nearest in., ft., cm, m by selecting and using approp tools AND describe the inverse relationship btw the size of a unit and the number of units needed to measure....)CUSTOMARY only	LearnZillion-2.MD.1 ; LearnZillion-2.MD.2 , Go Math Lessons 8.1, 8.2, 8.4, 8.6, 8.8
	7	MD.1.3, 1.4: CUSTOMARY measures this quarter only (estimate lengths using units of in, ft, yds, cm, and m AND measure to determine how much longer one object is than another....)	LearnZillion-2.MD.3 ; LearnZillion-2.MD.4 , Go Math Lessons 8.3, 8.7
	8	MD.2.5-CUSTOMARY- use +/- within 100 to solve word problems involving lengths that are given in the same units. Assess MD.1.1, 1.2, 1.3, 1.4, AND 2.5 together	LearnZillion-2.MD.5 , Go Math Lesson 8.5
	9	Model-Eliciting Activity based on a standard or more from this quarter	
Quarter 4	Week	Major Concepts / Topics	Possible Resources

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Mar 29 – May 26	1	Continue to work on 2.OA.2.2; MD.1.1 [METRIC ONLY]; measure the length of an object to the nearest inch, foot, centimeter, or meters.....	See links above yet focus on metric this quarter.
	2	MD.1.2[METRIC only] Describe the inverse relationship btw the size of a unit and number of units needed to measure a given object.	
	3	MD.1.3[METRIC only] Estimate lengths using units of inches, feet, yards, centimeters, and meters; MD.1.4 [METRIC only]- measure to determine how much longer one object is than another, expressing the length distance in terms of a standard length unit	Go Math Lessons 9.1-9.7
	4	MD.2.5[METRIC only] Use +/- within 100 to solve word problems involving lengths that are given in the same units and equations with a symbol for the unknown number to represent the problem. ASSESS MD.1.1, 1.2, 1.3,1.4, 2.5 together	
	5	G.1.2- partition a rectangle into rows/columns of same-size squares and count to find the total number of them. Assess this standard alone.	Go Math Lesson 11.6
	6	Model-Eliciting Activities based on standards from this year; Continue to use your data points- mini-benchmarks, MFAS tasks, and DE to meet students' needs until school is out	
	7		
	8		
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