

Unit Topic: Number and Operation

Content: Math

Grade: 3rd

Date: _____

3 3 3 D A Y I N U N I T	*Content Strand *Learning Target -I Can *Essential Questions -WHY?? -How do you know? Curriculum document Common Core	Daily Activities	Vocabulary/ Vocab Activity Activities Activities II	Thoughtful Ed./ Student Engagement www.marshall.kyschools.us/ www.muhlenberg.kyschools.us/?q=node/61 Engagement Cube Cube II (examples)	Literacy/ Reading in the Content Literacy Ideas	Formative/ Summative Assessment F –Formative S-Summative www.act.org/standard/guides/explore/ Strategies More Ideas	Differentiation T-Task S-Special Needs G-Gifted/Accel. http://serge.ccsso.org/ Ideas 9 Types Big Explanation Tool MAP Site Reading Differentiation K-5	Technology 50 Ideas Resources- Text, sites,...
1	3.NBT.1, 3.NBT.2, 3.OA.9, 3.OA.8	Pre-assessment for Unit 1				S: Pre-Assessment		
2	I can understand place value. (3.NBT.1) EQ- How does a digits position affect its value?	Read and write the whole numbers -Brainpopjr: place value -Flipbook - “I Have Who Has” _ Who’s the Greatest? (card game)	place value, ones, tens, hundreds, thousands Activity: Flower Power	Hooks and Bridges “What do you know about place value?”	“I Have Who Has” (give specific instructions on speaking effectively)	S: Flipbook		
3		Compare and order whole numbers -Exploring place value with M&M’s. (Follow the lesson plan. Have students order and compare their number they create using the M&M’s.) -Place Value Mat Game (Everyday Math)				F: Thumbs Up	M & M activity: by place value	

		-Accelerated Math practice handouts						
4	I can fluently add and subtract within 1,000 using strategies based on place value, and properties of operation. (3.NBT.2) EQ-How does a digit's position affect its value?	Addition properties -Use crosswalk coach book pgs. 27 -31	addends, sums, commutative, associative, identity	Body Movements to go along with properties (ie., commutative: students spin around in place, Associative: students make the parenthesis sign, identity: students make a zero with hands)		S: Speed Addition handout on basic facts		www.aaamath.com
5	I can fluently add and subtract within 1,000 using strategies based on place value, and properties of operation. (3.NBT.2)	Addition patterns (within addition table) -Use crosswalk coach book pgs. 32-38	increase, decrease, even, odd, rows, columns					
6	I can fluently add and subtract within 1,000 (3.NBT.2) EQ-How does a digit's position affect its value?	Add whole numbers -groups of students work together to create a word problem in order to rotate and have other groups solve in composition notebook -use Crosswalk Coach book pgs. 39-44 to help	whole numbers, addends, sums					Brainpopjr video on basic addition

		<p>supplement teaching if needed</p> <ul style="list-style-type: none"> -brainpopjr video on regrouping - Smartboard practice under addition (advanced) on www.superteacherworksheets.com - dice game: partners roll 4 dice doubling numbers 1-4 to make a 4 digit number. Roll for top and bottom addend and solve. -“Burger Shop”: partners use menu to place order, each person totals up order and check to see if totals match. Partners find errors if totals do not match. -“Who’s the Greatest”: card game (handout) 						
7		<p>Subtract whole numbers</p> <ul style="list-style-type: none"> -students create a subtraction problem (thousands) and teach class how to solve -use Crosswalk Coach book pgs. 45-50 to help supplement teaching if needed 	<p>difference, subtrahend, minuend, regroup</p>					

		-use any activites from Unit 1 #6 and modify for subtraction						
8	I can understand place value in order to round to the nearest 10 and 100 (3.NBT.1) EQ- How does a digits position affect its value?	Round Whole numbers -brainpopjr video -use any activites from Unit 1 #6 and modify for estimation -Home Run Kings Activity: Students will use the website to gather data about baseball’s career home run leader. Then students will round that number to the nearest hundred and record their data and then input their findings into a bar graph.	round, estimate					brainpopjr.com BaseballReference.com Google.com
9	I can solve two-step word problems (3.OA.8)	Estimate sums and differences (ex: round each number to the greatest place and	estimate, greatest place					

EQ - In what ways can operation affect numbers? How can different strategies be helpful when solving a problem?	add/subtract) -Everyday Math lesson 2.7 Ballpark Estimation						
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