

Central R-III Curriculum Form

Grade: 3rd	Subject: Math	Unit: 2	Pacing: 5 Weeks
Priority Standard: 3.NBT.A.3 - Use place value understanding and properties of operations to perform multi-digit arithmetic <i>Demonstrate fluency with addition and subtraction within 1000.</i>		Supporting Standards:(MLS # only) 3.RA.E.11-Identify and explain arithmetic patterns <i>Identify arithmetic patterns and explain the patterns using properties of operations.</i>	
Learning Targets: 1. We can use place value and strategies to solve addition and subtraction problems within 1,000. a. I can add four digit numbers with and without regrouping i. I can use the properties of addition to add fluently. ii. I can use base ten to add. iii. I can use a strip diagram to add. iv. I can use a number line to add. v. I can use the standard algorithm to add. vi. I can round and add to estimate sums b. I can subtract four digit numbers with and without regrouping i. I can use base ten to subtract. ii. I can use a strip diagram to subtract. iii. I can use a number line to subtract. iv. I can use the standard algorithm to subtract. v. I can subtract across zeros up to a four digit number vi. I can round and subtract to estimate differences c. I can use addition and subtraction to find a pattern. (Input and Output boxes) i. I can complete a pattern with missing numbers 2. We will identify mistakes of others' work and give a different strategy to solving the problem including addition and subtraction within one thousand. a. I can identify mistakes in other students' work by offering another solution or strategy. 3. We will explain how we solved a problem involving addition and subtraction within one thousand. a. I can make a plan, called a strategy, to solve the problem and to discuss other students' strategies and mistakes. 4. We can check our work to make sure we are correct. a. I can explain how I found the pattern using addition and subtraction.			Resources: >hand2mind:Guided Math Book-Grade 3, Unit 2 >Exact Path >Crosswalk >Brainpop >Interactive Math Notebook

Prerequisite (Prior Skills Set Needed) : Add and Subtract three digit numbers	
Assessment Activities(Formal Assessments): Pre Assessment Formative Assessment(s) Assignments	Assessments: Unit 2 Assessment
Academic Vocabulary: Add, addends, additive property of zero (identity property), algorithm, arithmetic patterns, associative property of addition, commutative property of addition, whole number, digit, estimate, hundreds, inverse operation, ones, order, order of operations, parenthesis, pattern, reasonableness, regroup, related fact, standard form, tens, minuends, subtrahend, sums and differences	
Other Resources and Notes:	