West Carroll Special School District
Instructional Plan/Pacing Guide, 2016-2017

Teacher:	Shanna Moling	**Co-Teacher:**	
Subject:	Math	**Grade Level:**	4th Grade

Unit Title	TN Standard # ACT Standard # (When Applicable)	Major Topics and Concepts Addressed	Major Activities Assignments Field Trips	Assessing Student Mastery: What student generated product will demonstrate that he/she has met the learning expectation?	Pacing (Beginning and ending dates of instruction)
1 – Place Value, Addition, & Subtraction to One Million	4.NBT.A.1 4.NBT.A.2 4.NBT.A3, 4.NBT.B4	1.Model the 10-1 relationship among place-value positions in the base-ten number system. 2.Read and write whole numbers in standard form, word form, and expanded form. 3.Compare and order whole numbers based on the values of the digits in each number. 4.Round a whole number to any place. 5.Rename whole numbers by regrouping. 6.Add whole numbers and determine whether solutions to addition problems are reasonable. 7.Subtract whole numbers and determine whether solutions to subtraction problems are reasonable. 8.Use the strategy "draw a diagram" to solve comparison problmes with addition and subtraction.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	12 Days Aug 15-30
Multiplication in 7 Days Program	4.OA.A.1 4.OA.A.2	1.Learning and recalling multiplication facts	Daily Quizes on new and review facts.	Daily quizes Final test over all facts	Aug 31 – Sept 21

	4.NBT.B.5 4.OA.A.3		Writing off and practicing facts daily.		13 Days
2- Multiply by 1-Digit Numbers	4.OA.A.1 4.OA.A.2 4.NBT.B.5 4.OA.A.3	1.Relate multiplication equat5ions and comparison stmts. 2. Solve problems involving multiplicative comparison and additive comparison. 3. Mulitply ten, hundreds, and thousands by whole numbers through 10. 4.Estimate products by rounding and determine if eact answers to multiplication problems are reasonable. 5. Use the distributive property to multiply a 2-digit number by a 1-digit number. 6. Use expanded form to multiply a multidigit number by a 1-digit number. 7.Use place value and partial products to multiply a multidigit number by a 1-digit number. 8.Use mental math and properties to multiply a multidigit number by a 1-digit number. 9.Use the "draw a diagram" strategy to solve multistep problems. 10. Use regrouping to multiply a 2-digit number by a 1-digit number. 11.Use regrouping to mulitply a multidigit number by a 1-digit number. 12. Represent and solve multi-step problems using equations.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	Sept 22 – Oct 19 15 days
3-Multiply 2-digit Numbers	4.NBT.B.5 4.OA.A.3	1.Use place value and multiplicatoin properties to multiply by tens. 2. Estimate products by rounding or by using compatible numbers.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	Oct 20-Nov 7 10 days

		3.Use area models and partial products to multiply 2-digit numbers. 4.use place value and partial products to multiply 2-digit numbers. 5. use regrouping to multiply 2-digit numbers. 6. choose a method to multiply 2-digit numbers. 7.use the strategy draw a diagram to solve multistep multiplication			
4-Divide by 1-digit numbers	4.NBT.B.6 4.OA.A.3 4.OA.A.2	1.Use multiples to estimate quotients 2.use models to divide whole numbers that do not divide evenly. 3.use remainders to solve division problems. 4.divide tens, hundreds, and thousands by whole numbers to 10. 5.use compatible numbers to estimate quotients. 6.use the Distributive Property to find quotients. 7. Use repeated subtraction and multiples to find quotients. 8.Use partial quotients to divide. 9.use base-ten blocks to model division with regrouping 10.use place value to determine where to place the first digit of a quotient. 11. divide multidigit numbers by 1-digit divisors. 12. solve problems by suing the strategy “draw a diagram”.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	Nov 8 – 30th 14 Days

5-Factors, Multiples, and Patterns	4.OA.B.4 4.OA.C.5	1.find all the factors of a number by using models. 2.determine whether a number is a factor of a given number. 3.solve numbers with common facors by using the strategy "make a list" 4.understand the relationship between factors and multiples, and determine whether a number is a multiple of a given number. 5.determine whether a number is prime or composite.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	Dec 1 – Dec 13th 9 Days
6-Fraction Equivalence and Comparison	4.NF.A.1 4.NF.A.2	1 use models to show equivalent fractions. 2. use multiplication to generate equivalent fractions. 3. write and identify equivalent fractions in simplest form. 4. use equivalent fractions to represent a pair of fractions as fractions with a common denominator. 5. use the strategy "make a table" to solve problems using equivalent fractions. 6. compare fractions using benchmarks. 7. compare fractionsby first writing them as fractions with a common numerator or a common denominator. 8. compare and order fractions.	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	-Show what you know -Digital personal math trainer -Lesson quick check -Mid-chapter checkpoint. -Chapter Review/Test -Performance Assessment Task	Jan 4 – 20th 12 Days