

Curriculum Unit Template

Taneyville R-II School

2019-20

Grade Level: 3rd grade

Subject: Math

Quarter: 1st Quarter

Unit Title: Unit 1 - Numeration: Place Value

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p><u>Priority Standards</u></p> <p>3.NBT.A.1 - Round to the nearest 10 or 100</p> <p>3.NBT.A.2 - Read, write, and identify whole numbers within 100,000 using base ten numerals, number names, and expanded form</p>	<p>-Digits</p> <p>-Place value</p> <p>-Standard form</p> <p>-Expanded form</p> <p>-Word form</p> <p>-Period</p> <p>-Compare</p> <p>-order</p>	<p>Lesson 1 - Representing Numbers</p> <ul style="list-style-type: none">• Read and write 3-digit and 4-digit numbers• Standard form• Expanded form• Word form <p>Activities:</p> <ul style="list-style-type: none">• Place value chart• Manipulatives - Place Value blocks• WS 1-1 <p>Lesson 2 - Ways to Name Numbers</p> <ul style="list-style-type: none">• Name numbers in different ways <p>Activities:</p> <ul style="list-style-type: none">• Place value chart• Manipulatives - Place Value blocks• WS 1-2	<ul style="list-style-type: none">• Three, two, one show me using dry erase marker boards• Quick Checks• Topic 1 Tests

		<p>Lesson 3 - Greater Numbers</p> <ul style="list-style-type: none"> • Read and write numbers in the ten and hundred thousands <p>Activities:</p> <ul style="list-style-type: none"> • Place value chart • Manipulatives - Place Value blocks • WS 1-3 <p>Lesson 4 - Understanding Number Lines</p> <ul style="list-style-type: none"> • Locate and compare whole numbers on a number line <p>Activities:</p> <ul style="list-style-type: none"> • Number line WS • WS 1-4 <p>Lesson 5 - Counting on the Number Line</p> <ul style="list-style-type: none"> • Identify patterns on a number line <p>Activities:</p> <ul style="list-style-type: none"> • Number line WS • WS 1-5 <p>Lesson 6 - Comparing Numbers</p> <ul style="list-style-type: none"> • Compare 3-digit and 4-digit whole numbers <p>Activities:</p> <ul style="list-style-type: none"> • Place value chart • Manipulatives - Place Value blocks • WS 1-6 <p>Lesson 7 - Ordering Numbers</p> <ul style="list-style-type: none"> • Order 3-digit and 4-digit numbers <p>Activities:</p> <ul style="list-style-type: none"> • Place value chart 	
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Unit 2- Number Sense: Addition and Subtraction		<ul style="list-style-type: none"> Manipulatives - Place Value blocks WS 1-7 <p>Lesson 8 - Make an Organized List</p> <ul style="list-style-type: none"> Make an organized list to represent information given in a problem 	
Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p><u>Priority Standards</u></p> <p>3.NBT.A.2 - Read, write, and identify whole numbers within 100,000 using base ten numerals, number names, and expanded form</p> <p>3.NBT.A.3 - Demonstrate fluency with addition and subtraction within 1000</p> <p><u>Supporting Standards</u></p> <p>3.NBT.A.1 - Round to the nearest 10 or 100</p> <p>3.RA.D.10 - Interpret reasonableness of answers using estimation</p> <p>3.RA.E.11 - Identify arithmetic</p>	<p>-Addends</p> <p>-Sum</p> <p>-Commutative (Order) Property of Addition</p> <p>-Associative (Grouping)Property of Addition</p> <p>-Identity (Zero) Property of Addition</p> <p>- Fact Family</p> <p>- Difference</p> <p>- Round</p> <p>- Estimate</p> <p>- compatible numbers</p> <p>- equation</p> <p>- reasonableness</p>	<p>Lesson 1 - Addition Meaning and Properties</p> <ul style="list-style-type: none"> Use concrete materials and concepts of addition to model the Commutative, Associative, and Identity Properties of Addition <p>Activities:</p> <ul style="list-style-type: none"> WS 2-1 <p>Lesson 2 - Subtraction Meanings</p> <ul style="list-style-type: none"> Recognize subtractions when subtraction is used to solve a problem and write number sentences <p>Activities:</p> <ul style="list-style-type: none"> WS 2-2 	<ul style="list-style-type: none"> Three, two, one show me using dry erase marker boards Quick Checks Topic 2 Tests

<p>patterns and explain using properties of operations</p> <p>3.RA.D.9 - Write and solve two-step problems involving variables using any of the four operations</p>		<p>Lesson 3 - Using Mental Math to Add</p> <ul style="list-style-type: none"> • Solve problem by adding <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-3 <p>Lesson 4 - Using Mental Math to Subtract</p> <ul style="list-style-type: none"> • Solve problems by adding <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-4 <p>Lesson 5 - Rounding</p> <ul style="list-style-type: none"> • Round two-digit and three-digit whole numbers to the nearest ten or hundred <p>Activities:</p> <ul style="list-style-type: none"> • Rule: Find your place, go next door, five or higher add one more. If it's less let it rest • WS 2-5 <p>Lesson 6 - Estimating Sums</p> <ul style="list-style-type: none"> • Solve problems by estimating sums <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-6 <p>Lesson 7 - Estimating Differences</p> <ul style="list-style-type: none"> • Solve problems by estimating differences <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-7 	
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		<p>Lesson 8 - Making Sense of Addition and Subtraction Equations</p> <ul style="list-style-type: none"> • Decide whether both sides of an equation are equal • Determine the value of an unknown number in an equation <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-8 <p>Lesson 9 - Reasonableness</p> <ul style="list-style-type: none"> • Solve problems and check answers for reasonableness <p>Activities:</p> <ul style="list-style-type: none"> • WS 2-9 	
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Unit 3 - Using Place Value to Add and Subtract

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p>Priority Standards</p> <p>3.NBT.A.2 - Read, write, and identify whole numbers within 100,000 using base ten numerals, number names, and expanded form</p> <p>3.RA.D.9 - Write and solve two-step problems involving variables using any of the four operations</p> <p>3.RA.D.10 - Interpret reasonableness of answers using estimation</p> <p>Supporting Standards</p> <p>3.NBT.A.1 - Round to the nearest 10 or 100</p>	-algorithm	<p>Lesson 1 - Adding with an Expanded Algorithm</p> <ul style="list-style-type: none"> Solve 3-digit addition problems using an expanded algorithm <p>Activities:</p> <ul style="list-style-type: none"> WS 3-1 <p>Lesson 2 - Models for adding 3-Digit Numbers</p> <ul style="list-style-type: none"> Add 3-digit numbers using place value blocks or pictures Record the results using the standard addition algorithm <p>Activities:</p> <ul style="list-style-type: none"> WS 3-2 <p>Lesson 3 - Adding 3-Digit Numbers</p> <ul style="list-style-type: none"> Add 3-digit numbers using paper and pencil methods <p>Activities:</p> <ul style="list-style-type: none"> WS 3-3 <p>Lesson 4 - Adding 3 or More Numbers</p> <ul style="list-style-type: none"> Add 3 or more 2 and 3-digit numbers using paper and pencil methods <p>Activities:</p> <ul style="list-style-type: none"> WS 3-4 	<ul style="list-style-type: none"> Three, two, one show me using dry erase marker boards Quick Checks Topic 3 Tests

		<p>Lesson 5 - Draw a Picture</p> <ul style="list-style-type: none"> • Draw a picture to solve a problem <p>Activities:</p> <ul style="list-style-type: none"> • WS 3-5 <p>Lesson 6 - Subtracting with an Expanded Algorithm</p> <ul style="list-style-type: none"> • Solve 3-digit subtraction problems by breaking them into smaller, easier, subtraction problems <p>Lesson 7 - Models for Subtracting 3- Digit Numbers</p> <ul style="list-style-type: none"> • Subtract 3-digit numbers using place-value blocks or pictures • Record results using the standard subtraction algorithm • Borrowing/Regrouping <p>Activities:</p> <ul style="list-style-type: none"> • WS 3-7 <p>Lesson 8 - Subtracting 3-Digit Numbers</p> <ul style="list-style-type: none"> • Subtract 3-digit numbers using paper and pencil methods • Borrowing/Regrouping <p>Activities:</p> <ul style="list-style-type: none"> • WS 3-8 <p>Lesson 9 - Subtracting Across Zero</p> <ul style="list-style-type: none"> • Subtract 3-digit numbers using paper and pencil methods • Borrowing/Regrouping <p>Activities:</p> <ul style="list-style-type: none"> • WS 3-9 <p>Lesson 10 - Draw a Picture and Write a Number Sentence</p> <ul style="list-style-type: none"> • Solve problems by writing a 	
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		<p>number sentence based on a picture they have drawn describing the picture</p> <p>Activities:</p> <ul style="list-style-type: none"> • WS 3-10 	
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Unit 4 - Meanings of Multiplication

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p>Priority Standards</p> <p>3.RA.A.1 - Interpret products of whole numbers</p> <p>3.RA.A.3 - Describe in words or drawings a problem that illustrates a multiplication or division situation</p> <p>3.RA.A.4 - Use multiplication and division within 100 to solve problems</p> <p>3.RA.B.6 - Apply properties of operations as strategies to multiply and divide</p>	<p>-Multiplication</p> <p>-Factors</p> <p>-Product</p> <p>-Array</p> <p>-Commutative (Order) Property of Multiplication</p>	<p>Lesson 1 - Multiplication as Repeated Addition</p> <ul style="list-style-type: none"> • Write multiplication number sentences for given equal group situations using the x symbol <p>Activities:</p> <ul style="list-style-type: none"> • WS 4-1 <p>Lesson 2 - Arrays and Multiplication</p> <ul style="list-style-type: none"> • Write multiplication sentences for arrays and use arrays to find products <p>Activities:</p> <ul style="list-style-type: none"> • WS 4-2 <p>Lesson 3 - The Commutative Property</p>	<ul style="list-style-type: none"> • Three, two, one show me using dry erase marker boards • Quick Checks • Topic 4 Tests

<p><u>Supporting Standards</u></p> <p>3.RA.E.11 - Identify arithmetic patterns and explain the patterns using properties of operations</p>		<ul style="list-style-type: none"> • Write multiplication sentences for arrays and use arrays to find products • Use the Commutative Property of Multiplication <p>Activities:</p> <ul style="list-style-type: none"> • WS 4-3 <p>Lesson 4 - Writing Multiplication Stories</p> <ul style="list-style-type: none"> • Write math stories for given multiplication facts <p>Activities:</p> <ul style="list-style-type: none"> • WS 4-4 <p>Lesson 5 - Writing to Explain</p> <ul style="list-style-type: none"> • Use objects, words, pictures, and numbers to provide a written explanation reflecting understanding <p>Activities:</p> <ul style="list-style-type: none"> • WS 4-5 	
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Unit 5 - Multiplication Facts: Use Patterns

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p><u>Priority Standards</u></p> <p>3.RA.A.4 - Use multiplication and division within 100 to solve problems</p> <p>3.RA.E.11 - Identify arithmetic patterns and explain the patterns using properties of operations</p> <p>3.RA.D.9 - Write and solve two-step problems involving variables using any of the four operations</p> <p>3.RA.D.10 - Interpret reasonableness of answers using estimation</p> <p>3.NBT.A.4 - Multiply whole numbers by multiples of 10 in the range 10-90</p> <p><u>Supporting Standards</u></p> <p>3.RA.E.11 - Identify arithmetic patterns and explain the patterns using properties of operations</p>	<p>- multiples</p> <p>- Identity (One) Property of Multiplication</p> <p>-Zero Property of Multiplication</p>	<p>Lesson 1 - 2 and 5 as Factors</p> <ul style="list-style-type: none"> • Use patterns to multiply with 2 and 5 as factors <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • WS 5-1 <p>Lesson 2 - 9 as a Factor</p> <p>Activities:</p> <ul style="list-style-type: none"> • Use patterns to multiply 9 as a factor <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • Finger trick • WS 5-2 <p>Lesson 3 - Multiplying with 0 and 1</p> <ul style="list-style-type: none"> • Use patterns and properties to multiply with 0 and 1 as factors <p>Activities:</p> <ul style="list-style-type: none"> • WS 5-3 <p>Lesson 4 - Patterns for facts</p> <ul style="list-style-type: none"> • Use patterns to find products with 	<ul style="list-style-type: none"> • Three, two, one show me using dry erase marker boards • Quick Checks • Topic 5 Tests

		<p>factors of 2,5, and 9</p> <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • WS 5-4 <p>Lesson 5 - 10 as a Factor</p> <ul style="list-style-type: none"> • Use patterns to multiply with 10 as a factor <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • WS 5-5 <p>Lesson 6 - Multiplying by Multiples of 10</p> <ul style="list-style-type: none"> • Use basic multiplication facts and number patterns to multiply by multiples of 10 <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • WS 5-6 <p>Lesson 7 - Two Question Problems</p> <ul style="list-style-type: none"> • Solve for one problem and use the solution to complete a second problem <p>Activites:</p> <ul style="list-style-type: none"> • WS 5-7 	
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Unit 6 - Multiplication Facts: Use Known Facts

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments

<p><u>Priority Standards</u> 3.RA.A.4 - Use multiplication and division within 100 to solve problems 3.RA.D.9 - Write and solve two-step problems involving variables using any of the four operations 3.RA.D.10 - Interpret reasonableness of answers using estimation</p> <p><u>Supporting Standards</u> 3.RA.B.6 - Apply properties of operations as strategies to multiply and divide 3.GM.C.11 - Demonstrate that tilting a rectangle to find the area and multiplying the side lengths result in the same value</p>	<ul style="list-style-type: none"> - factors - Distributive Property - Associative (Grouping) Property of Multiplication 	<p>Lesson 1 - The Distributive Property</p> <ul style="list-style-type: none"> • Use the Distributive Property to simplify multiplication problems by breaking apart large arrays into smaller arrays that represent other multiplication facts <p>Activities:</p> <ul style="list-style-type: none"> • WS 6-1 <p>Lesson 2 - 3 as a Factor</p> <ul style="list-style-type: none"> • Use known facts to find products with 3 as a factor <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • Finger trick • WS 6-2 <p>Lesson 3 - 4 as a Factor</p> <ul style="list-style-type: none"> • Use known facts and doubles to find products with 4 as a factor <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • WS 6-3 <p>Lesson 4 - 6 and 7 as a Factor</p> <ul style="list-style-type: none"> • Use known facts to find products with 6 and 7 as factors <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • WS 6-4 <p>Lesson 5 - 8 as a Factor</p> <ul style="list-style-type: none"> • Use known facts and doubles to 	<ul style="list-style-type: none"> • Three, two, one show me using dry erase marker boards • Quick Checks • Topic 6 Tests
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		<p>find products with factors of 8</p> <p>Activities:</p> <ul style="list-style-type: none"> • Skip counting • Sing songs • WS 6-5 <p>Lesson 6 - Multiplying with 3 Factors</p> <ul style="list-style-type: none"> • Multiply 3 numbers and use the Associative Property of multiplication <p>Activities:</p> <ul style="list-style-type: none"> • WS 6-6 <p>Lesson 7 - Multiplication Facts</p> <ul style="list-style-type: none"> • Use known facts and patterns to find products <p>Activities:</p> <ul style="list-style-type: none"> • WS 6-7 <p>Lesson 8 - Multiplying to Find Combinations</p> <ul style="list-style-type: none"> • Use objects, pictures, and multiplication to find the number of possible combinations of data or objects in a problem <p>Activities:</p> <ul style="list-style-type: none"> • WS 6-8 <p>Lesson 9 - Multiple Step Problems</p> <ul style="list-style-type: none"> • Solve multiple step problems <p>Activities:</p> <ul style="list-style-type: none"> • WS 6-9 	
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Unit 7 - Meanings of Division

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p><u>Priority Standards</u></p> <p>3.RA.A.5 - Determine the unknown number in a multiplication or division equation relating three whole numbers</p> <p>3.RA.A.4 - Use multiplication and division within 100 to solve problems</p> <p>3.RA.B.6 - Apply properties of operations as strategies to multiply and divide</p> <p><u>Supporting Standards</u></p> <p>3.RA.A.2 - Interpret quotients of whole numbers</p> <p>3.RA.A.3 - Describe in words or drawings a problem that illustrates a multiplication or division situation</p> <p>3.RA.E.11 - Identify arithmetic patterns and explain the</p>	<p>- division</p> <p>- equal groups</p>	<p>Lesson 1 - Division as Sharing</p> <ul style="list-style-type: none"> Use models to solve division problems involving sharing and record solutions using division number sentences <p>Activities:</p> <ul style="list-style-type: none"> WS 7-1 <p>Lesson 2 - Division as Repeated Subtraction</p> <ul style="list-style-type: none"> Use models to solve division problems involving repeated subtraction and record solutions using division number sentences <p>Activities:</p> <ul style="list-style-type: none"> WS 7-2 <p>Lesson 3 - Finding Missing Numbers in a Multiplication Table</p> <ul style="list-style-type: none"> Use multiplication tables to find answers to division problems <p>Activities:</p> <ul style="list-style-type: none"> Multiplication table WS 7-3 	<ul style="list-style-type: none"> Three, two, one show me using dry erase marker boards Quick Checks Topic 7 Tests

patterns using properties of operations		<p>Lesson 4 - Choose an Appropriate Equation</p> <ul style="list-style-type: none"> Solve word problems by writing equations that represent the problem situations <p>Activities:</p> <ul style="list-style-type: none"> WS 7-4 <p>Lesson 5 - Writing Division Stories</p> <ul style="list-style-type: none"> Write and solve number stories involving division <p>Activities:</p> <ul style="list-style-type: none"> WS 7-5 <p>Lesson 6 - Use Objects and Draw a Picture</p> <ul style="list-style-type: none"> Solve problems by using objects and drawing pictures <p>Activities:</p> <ul style="list-style-type: none"> WS 7-6 	
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Unit 8 - Division Facts

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p>Priority Standards</p> <p>3.RA.A.4 - Use multiplication and division within 100 to solve problems</p> <p>3.RA.A.5 - Determine the unknown number in a</p>	<p>-dividend</p> <p>-divisor</p> <p>-quotient</p> <p>-fact families</p>	<p>Lesson 1 - Relating Multiplication and Division</p> <ul style="list-style-type: none"> Give multiplication fact and state a related division fact and vice versa <p>Activities:</p> <ul style="list-style-type: none"> WS 8-1 	<ul style="list-style-type: none"> Three, two, one show me using dry erase marker boards Quick Checks Topic 8 Tests

<p>multiplication or division equation relating three whole numbers</p> <p>3.RA.C.7 - Multiply and divide with numbers and results within 100 using strategies such as the relationship between multiplication and division or properties of operations. Know all products of two one-digit numbers</p> <p>3.RA.C.8 - Demonstrate fluency with products within 100</p> <p><u>Supporting Standards</u></p> <p>3.RA.D.9 - Write and solve two-step problems involving variables using any of the four operations</p> <p>3.RA.D.10 - Interpret reasonableness of answers using estimation</p> <p>3.RA.B.6 - Apply properties of operations as strategies to multiply and divide</p>		<p>Lesson 2 - Fact Families with 2,3,4, and 5</p> <ul style="list-style-type: none"> Give quotients for division facts with divisors of 2,3,4,5 <p>Activities:</p> <ul style="list-style-type: none"> WS 8-2 <p>Lesson 3 - Fact Families with 6 and 7</p> <ul style="list-style-type: none"> Give quotients for division facts with divisors of 6 and 7 <p>Activities:</p> <ul style="list-style-type: none"> WS 8-3 <p>Lesson 4 - Fact Families with 8 and 9</p> <ul style="list-style-type: none"> Give quotients for division facts with divisors of 8 and 9 <p>Activities:</p> <ul style="list-style-type: none"> WS 8-4 <p>Lesson 5 - Multiple- Step Problems</p> <ul style="list-style-type: none"> Use previously learned skills to solve multiple-step problems <p>Activities:</p> <ul style="list-style-type: none"> WS 8-5 <p>Lesson 6 - Making Sense of Multiplication and Division Equations</p> <ul style="list-style-type: none"> Learn how to use multiplication and division facts to decide whether both sides of the equation are equal Learn to determine the value of an unknown number in an equation <p>Activities:</p> <ul style="list-style-type: none"> WS 8-6 <p>Lesson 7 - Dividing with 0 and 1</p> <ul style="list-style-type: none"> Use patterns and fact families to 	
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		<p>find answers to division facts with 0 and 1</p> <p>Activities:</p> <ul style="list-style-type: none"> • WS 8-7 <p>Lesson 8 - Multiplication and Division Facts</p> <ul style="list-style-type: none"> • Use multiplication and division facts to solve problems <p>Activities:</p> <ul style="list-style-type: none"> • WS 8-8 <p>Lesson 9 - Draw a Picture and Write a Number Sentence</p> <ul style="list-style-type: none"> • Solve division problems involving sharing and repeated subtraction by drawing a picture and writing a number sentence <p>Activities:</p> <ul style="list-style-type: none"> • WS 8-9 	
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Unit 9 - Understanding Fractions

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p><u>Priority Standards</u></p> <p>3.NF.A.1 - Understand a unit fraction as the quantity formed by one part when a whole is</p>	<p>-halves -thirds -fourths -fifths</p>	<p>Lesson 1 - Dividing Regions into Equal Parts</p> <ul style="list-style-type: none"> • Identify regions that have been divided into equal-sized parts 	<ul style="list-style-type: none"> • Three, two, one show me using dry erase marker boards • Quick Checks

<p>partitioned into equal parts 3.NF.A.2 - Understand that when a whole is partitioned equally, a fraction can be used to represent a portion of the whole.</p> <p>a. Describe the numerator as representing the number of pieces being considered</p> <p>b. Describe the denominator as the number of pieces that make the whole</p> <p><u>Supporting Standards</u></p> <p>3.NF.A.3 - Represent fractions on a number line.</p> <p>a. Understand the whole is the interval from 0 to 1</p> <p>b. Understand the whole is partitioned into equal groups</p> <p>c. Understand a fraction represents the endpoint of the length of a given number of partitions from 0</p>	<p>-sixths -eighths -tenths -twelfths -fraction -unit fraction -numerator -denominator -mixed numbers -benchmark fractions</p>	<ul style="list-style-type: none"> • Divide regions into equal- sized parts <p>Activities:</p> <ul style="list-style-type: none"> • WS 9-1 <p>Lesson 2 - Fractions and Regions</p> <ul style="list-style-type: none"> • Associate the model, symbol, and words to describe a fractional part of a whole region <p>Activities:</p> <ul style="list-style-type: none"> • WS 9-2 <p>Lesson 3 - Fractions and Sets</p> <ul style="list-style-type: none"> • Associate the model, symbol, and words to describe a fractional part of a whole region <p>Activities:</p> <ul style="list-style-type: none"> • WS 9-3 <p>Lesson 4 - Fractional Parts of a Set</p> <ul style="list-style-type: none"> • Find a fractional part of a set <p>Activities:</p> <ul style="list-style-type: none"> • WS 9-4 <p>Lesson 5 - Locating Fractions on the Number Line</p> <ul style="list-style-type: none"> • Identify fractional parts and mixed numbers on a number line <p>Activities:</p> <ul style="list-style-type: none"> • Number line WS • WS 9-5 <p>Lesson 6 - Benchmark Fractions</p> <ul style="list-style-type: none"> • Use benchmark fractions to estimate fractional parts <p>Activities:</p>	<ul style="list-style-type: none"> • Topic 9 Tests
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		<ul style="list-style-type: none"> Benchmark fractions WS WS 9-6 <p>Lesson 7 - Fractions and Length</p> <ul style="list-style-type: none"> Associate the model, symbol, and words to describe a fractional part of the length of an object <p>Activities:</p> <ul style="list-style-type: none"> Benchmark fractions WS Fraction strips WS 9-7 <p>Lesson 8 - Make a Table and Look for a Pattern</p> <ul style="list-style-type: none"> Make a table and look for a pattern to solve a problem <p>Activities:</p> <ul style="list-style-type: none"> WS 9-8 	
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Unit 10 - Fraction Comparison and Equivalence

Standards	Vocabulary	Activities/Resources	Formative/Summative Assessments
<p>Priority Standards</p> <p>3.NF.A.4 - Demonstrate that two fractions are equivalent if they are the same size, or the same point on a number line</p> <p>3.NF.A.5 - Recognize and generate equivalent fractions using visual models, and justify why the fractions are equivalent</p>	<p>- equivalent fractions</p> <p>- simplest form</p>	<p>Lesson 1 - Using Models to Compare Fractions: Same Denominator</p> <ul style="list-style-type: none"> Use models and quantitative reason to compare fractions with the same denominator <p>Activities:</p> <ul style="list-style-type: none"> Benchmark Fractions WS Fraction Strips WS 10-1 	<ul style="list-style-type: none"> Three, two, one show me using dry erase marker boards Quick Checks Topic 10 Tests

<p>3.NF.A.6 - Compare two fractions with the same numerator or denominator using the symbols $>$, $=$ or $<$, and justify the solution</p> <p>3. NF.A.7 - Explain why fraction comparisons are only valid when the two fractions refer to the same whole</p> <p><u>Supporting Standards</u></p> <p>3.NF.A.2 - Understand that when a whole is partitioned equally, a fraction can be used to represent a portion of the whole.</p> <p>a. Describe the numerator as representing the number of pieces being considered</p> <p>b. Describe the denominator as the number of pieces that make the whole</p>		<p>Lesson 2 - Using Models to Compare Fractions: Same Numerator</p> <ul style="list-style-type: none"> • Use models and reasoning to compare fractions with the same numerator <p>Activities:</p> <ul style="list-style-type: none"> • Benchmark Fractions WS • Fraction Strips • WS 10-2 <p>Lesson 3 - Comparing Fractions Using Benchmarks</p> <ul style="list-style-type: none"> • Use benchmark numbers to compare fractions with the same numerator or the same denominator <p>Activities:</p> <ul style="list-style-type: none"> • Benchmark Fractions WS • Fraction Strips • WS 10-3 <p>Lesson 4 - Comparing Fractions on a Number Line</p> <ul style="list-style-type: none"> • Use number lines to compare fractions with like denominators or like numerators <p>Activities:</p> <ul style="list-style-type: none"> • Number line WS • WS 10-4 <p>Lesson 5 - Finding Equivalent Fractions</p> <ul style="list-style-type: none"> • Use models to find equivalent fractions <p>Activities:</p> <ul style="list-style-type: none"> • Benchmark Fractions WS • Fraction Strips 	
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