

name _____
 Weeks: 1st

Class: Math

Grade: 4th

Curriculum Map
 Shadyside Local Schools

Instructor: Bonar, Coyne, Simpson
 Building: Leona

Weeks	Common Core Standards	Unit/Topic	Activities/Resources	Learning Objectives	Vocabulary	Assessments F or S
1st 9 Weeks	<ul style="list-style-type: none"> -recognize that in a multi-digit whole number, a digit in the ones place represents ten times what it represents in the place to its right -read and write multi-digit numbers using base-ten numerals, number names, and expanded form -use place value understanding to round multi-digit whole numbers to any place -fluently add and subtract multi-digit whole numbers using the standard algorithm -multiply a whole number of up to four digits by one digit whole numbers -interpret multiplication equations as a comparison -find all factor pairs for a whole number in the range of 1-100 -generate a number or shape pattern that follows a given rule 	<ul style="list-style-type: none"> -place value -read and write multi-digit numbers -compare numbers -order numbers -use place value to round -add/subtract whole numbers -add/subtract patterns -add/subtract mentally -estimate sums/differences -subtract across zeros -solve multi-step problems -multiples of 10, 100, & 1000 -factors and multiples -round to estimate products -prime and composite numbers 	<ul style="list-style-type: none"> My Math Chapter 1 My Math Chapter 2 My Math Chapter 4 My Math Chapter 8 -discussions -math log -MyMath workbook -extra worksheets/ added materials 	<ul style="list-style-type: none"> Students can: -use place value to represent the value of numbers -use use strategies to add or subtract -understand multiplication rules and strategies -communicate multiplication 	<ul style="list-style-type: none"> - digit - place value -period -expanded form -word form -standard form -greater than -less than -difference -sum -estimate -round -commulative property -associative property -identity property 	

Nine Weeks: 2

Class: 4th Grade Math

Curriculum Map

Shadyside Local Schools

Instructor: Bonar, Coyne, Simpson
 Building: Leona Middle School

Grade: 4

Time	Common Core Standards	Unit/Topic	Activities/Resources	Learning Objectives	Vocabulary	Assessments F or S
2nd 9 Weeks	<ul style="list-style-type: none"> -multiply a whole number of up to four digits by a one-digit number, and multiply two two-digit numbers using strategies based on place value and the properties of operations - multiply or divide to solve word problems involving multiplicative comparison -solve multi-step word problems using the four operations -Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects -draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines - apply the area and perimeter formulas for rectangles in real world and mathematical problems -find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value 	<ul style="list-style-type: none"> -multiplication of 2 by 2 digits -multiples of 10 -2 by 2 lattices -area and perimeter -basic geometric figures -division 2-4 digit dividends with 1 digit divisors 	<ul style="list-style-type: none"> My Math Chapter 3 My Math Chapter 5 My Math Chapter 13 My Math Chapter 14 (Lessons 1-2) 	<ul style="list-style-type: none"> Students can: -multiply 2 digit by 2 digit numbers using traditional and lattice strategies -find the area and perimeter of a given object -classify basic geometric figures -divide by 1 digit divisors 	<ul style="list-style-type: none"> -factor -product -associate property -commutative property -distributive property -operation -prime number -composite number -area -perimeter -square unit -point -line -line segment -ray -plane -perpendicular -parallel -acute angle -obtuse angle -right angle -line of symmetry 	

Weeks	Common Core Standards	Unit/Topic	Activities/Resources	Learning Objectives	Vocabulary	Assessments F or S
3rd 9 Weeks	<ul style="list-style-type: none"> -multiply a whole number of up to four digits by a one-digit number, and multiply two two-digit numbers using strategies based on place value and the properties of operations - multiply or divide to solve word problems involving multiplicative comparison -solve multi-step word problems using the four operations -explain why a fraction is equivalent by using visual fraction models -compare two fractions with different numerators and different denominators -apply and extend previous understandings of multiplication to multiply a fraction by a whole number -express a fraction with denominator 10 as an equivalent fraction with denominator 100 -use decimal notation for fractions with denominators 10 or 100 -compare two decimals to hundredths by reasoning about their size 	<ul style="list-style-type: none"> -division of whole numbers -use multiplication and division to solve word problems -fractions -decimals 	<ul style="list-style-type: none"> My Math Chapter 8 My Math Chapter 9 My Math Chapter 10 My Math Chapter 3 My Math Chapter 6 	<ul style="list-style-type: none"> Students can: -name different fraction naming the same amount -use operations to model real-world fractions -demonstrate how fractions and decimals are related -explain how multiplication and division are related -demonstrate how division affects numbers 	<ul style="list-style-type: none"> fractions equivalent fractions factor pairs greatest common factor least common multiple improper fraction denominator numerator mixed number simplest form like fractions decimal hundredth tenth dividend divisor quotient product remainder 	

Weeks	Common Core Standards	Unit/Topic	Activities/Resources	Learning Objectives	Vocabulary	Assessments F or S
4th nine weeks	<ul style="list-style-type: none"> - measure angles in whole number degrees with a protractor -make a line plot to display data. -recognize angles as geometric shapes that are formed wherever two rays share a common endpoint and understand concepts of angle measurement. -know relative size of measurement units within one system of units - use the four operations to solve word problems - generate a number or shape pattern that follows a given rule. -solve multistep problems posed with whole numbers and having number answers -generate a number or shape pattern that follows a given rule. 	<ul style="list-style-type: none"> -measuring angles -drawing angles -classifying quadrilaterals -customary measurement -metric measurement -patterns and sequence 	<ul style="list-style-type: none"> My Math Chapter 14 My Math Chapter 11 My Math Chapter 12 My Math Chapter 7 	<ul style="list-style-type: none"> -Students can: -explain how different ideas about geometry are connected -explain why we convert measurements -explain how conversion of measurements help solve real-world problems -explain how patterns are used in mathematics 	<ul style="list-style-type: none"> -angle -degree -protractor -acute -obtuse -right -parallelogram -rhombus -rectangle -square -trapezoid length time weight capacity equation operation unknown variable 	