Grade: 5 (Washington CC)		Subject Area: Math	Strand: Number & Operations	- Fractions	Planning Team:		
Big Idea(s): What do I need to Understand? A: Use equivalent fractions as a strategy to add and subtract fractions			Unit Guiding Question(s): What are equivalent fractions? How can I use equivalent fractions as a strategy to add and subtract fractions?				
Key Vocabulary: equivalent, fraction, equivalent fraction, strategy, add subtract, solve, solution, word problem, reasonable, problem, persevere, justify, thinking, show my thinking, models, tools, precise, structures, patterns							
Goals	Curricular Language What do I need to know and do?		Student Friendly Language			Possible Resources and Activities	
Learning Standard 5.NF.A.1	Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, 2/3 + 5/4 = 8/12 + 15/12 = 23/12.I know what equivalent means I know how to make an equivalent fractions can help me add and subtract fractions I can make an equivalent fraction(In general, a/b + c/d = (ad + bc)/bd.)I know how to make an equivalent fractions to add and subtract a fraction			ubtract fractions			
Learning Standard 5.NF.A.2	Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result $2/5 + 1/2 = 3/7$ , by observing that $3/7 < 1/2$ .		I can solve word problems where I need to add and subtract fractions I can use strategies to help me solve word problems I know if my solution to a problem is reasonable				
Mathematical Processes	<ol> <li>Make sense of problems and persevere in solving them.</li> <li>Reason abstractly and quantitatively.</li> <li>Construct viable arguments and critique the reasoning of others.</li> <li>Model with mathematics.</li> <li>Use appropriate tools strategically.</li> <li>Attend to precision</li> <li>Look for and make use of structure.</li> <li>Look for and express regularity in repeated reasoning.</li> </ol>		<ul> <li>I know what I need to do to solve a problem</li> <li>I can persevere when solving a problem gets hard</li> <li>I know if my solution to a problem is reasonable</li> <li>I can justify my thinking and problem solving</li> <li>I can ask questions about other peoples thinking</li> <li>I can show my thinking using models</li> <li>I can use tools and strategies to help me understand and solve a problem</li> <li>I can use structures to help me show my thinking and problem solving</li> <li>I can find patterns in my thinking and problem solving over time</li> </ul>				

Name:		Date:	Class:				
Unit Guiding questions: What are equivalent fractions? How can I use equivalent fractions as a strategy to add and subtract fractions?							
I still need support	I still need support I can		I need some challenge				
	<ul> <li>I know what equivalent means</li> <li>I know how to make an equival</li> <li>I know how equivalent fraction fractions</li> <li>I can make an equivalent fraction</li> <li>I can use equivalent fractions to</li> </ul>	ent fractions s can help me add and subtract on o add and subtract a fraction					
	<ul> <li>I can solve word problems whe fractions</li> <li>I can use strategies to help me</li> <li>I know if my solution to a probl</li> </ul>	re I need to add and subtract solve word problems em is reasonable					
	<ul> <li>I know what I need to do to sol</li> <li>I can persevere when solving a</li> <li>I know if my solution to a probl</li> <li>I can justify my thinking and provide the solution of the</li></ul>	ve a problem problem gets hard em is reasonable oblem solving r peoples thinking odels o help me understand and solve a and problem solving show my thinking and problem					

Student Name:		Math 5 (CC – Washington)	Date:	Topic: Number & Operations - Fractions					
What are equivalent fractions? How can I use equivalent fractions as a strategy to add and subtract fractions?									
Goals		My evidence of learning			How I am showing my learning			oport	
		The BEST examples of activities that show my learning			concrete	pictorial	abstract	I Need Sul	I Need Challenge
<ul> <li>I know what e</li> <li>I know how to</li> <li>I know how ec</li> <li>subtract fraction</li> <li>I can make an</li> <li>I can use equivisition</li> </ul>	quivalent means make an equivalent fractions quivalent fractions can help me add and ons equivalent fraction valent fractions to add and subtract a								
<ul> <li>I can solve work</li> <li>subtract fraction</li> <li>I can use strate</li> <li>I know if my solve</li> </ul>	rd problems where I need to add and ons egies to help me solve word problems olution to a problem is reasonable								
<ul> <li>I know what I</li> <li>I can persevered</li> <li>I know if my so</li> <li>I can justify my</li> <li>I can ask quest</li> <li>I can ask quest</li> <li>I can use tools and solve a pro</li> <li>I can use struct problem solvir</li> <li>I can find patter over time</li> </ul>	need to do to solve a problem e when solving a problem gets hard plution to a problem is reasonable y thinking and problem solving tions about other peoples thinking thinking using models and strategies to help me understand oblem e in my thinking and problem solving tures to help me show my thinking and ng erns in my thinking and problem solving								