Unit 3: Fraction Operations Learning Plan		
No more than 4.5 weeks	**Learning Target 1: I can add and subtract fractions.** **5.NF.1, 5.NF.2**	
Unit Synopsis: In this unit students will be exploring all four **operations** with **fractions**, and **mixed numbers**. Students should have already worked on these skills in 5th grade; specifically, addition, subtraction and multiplication. Students will need to understand and apply the correct steps for completing each operation. A **common denominator** is required when adding or subtracting fractions, therefore students need to apply their knowledge of **multiples** from Unit 1. For all operations, it is important the answer is in **simplest form**. This will require students to utilize their knowledge of **common factors** for Unit 1. Throughout the unit, students will be applying their understanding of the operations with fractions to solve real world word problems.	Period 1	I can use common multiples of whole numbers in order to create equivalent fractions.
	Period 1	I can determine a least common denominator of two or more fractions.
	Period 2	I can identify common factors of whole numbers.
	Period 2	I can simplify fractions using the greatest common factor.
	Period 3	I can add two or more fractions with unlike denominators following the standard algorithm.
	Period 4	I can subtract two or more fractions with unlike denominators following the standard algorithm.
	Learning Target 2: I can add and subtract mixed numbers. **5.NF.1, 5.NF.2**	
	Period 5	I can convert between mixed numbers and improper fractions.
	Period 5	I can add two or more mixed numbers following the standard algorithm.
	Period 6	I can subtract two or more mixed numbers following the standard algorithm.
	Period 7	I can explain the sum or difference is correct.
	Learning Target 3: I can multiply fractions and mixed numbers. **5.NF.4**	
	Period 8	I can multiply two or more fractions following the standard algorithm.
	Period 9	I can multiply two or more mixed numbers following the standard algorithm.
	Period 10	I can explain why multiplying a fraction by a fraction or by a whole number results in a smaller answer.
	Period 11	**Mastery Quiz 1**

	Learning Target 4: I can divide a fraction by a fraction. **6.NS.1**	
	Period 12	I can divide a fraction by a fraction following the standard algorithm.
	Period 13	I can explain the quotient when I divide a fraction by a fraction.
	Learning Target 5: I can divide a mixed or whole number by a fraction. **6.NS.1**	
	Period 14	I can divide a mixed or whole number by a fraction following the standard algorithm.
	Period 15	I can explain the quotient when I divide a mixed or whole number by a fraction.
	Period 16	**Mastery Quiz 2**
	Learning Target 6: I can divide a fraction by a mixed or whole number. **6.NS.1**	
	Period 17	I can divide a fraction by a mixed or whole number following the standard algorithm.
	Period 18	I can explain the quotient when I divide a fraction by a mixed or whole number.
	Learning Target 7: I can solve real world problems involving fractions. **MP.1, MP.7**	
	Period 19	I can correctly identify and solve problems that involve adding or subtracting fractions.
	Period 20	
	Period 21	I can correctly identify and solve problems that involve multiplying or dividing fractions. **including area of a rectangle and proportional relationships
	Period 22	
	Period 23	**Mastery Quiz 3**
	Period 24	Miscellaneous: *Teacher created quizzes* *Spiral* *Review* *Completing activities*
	Period 25	
	Period 26	
	Period 27	
	Period 28	
	Period 29	
	Period 30	**Unit 3 Post Test**
	Period 31	
	Period 32	**Unit 3 Performance Task**