Name: Reynolds, Moon	Grading Quarter: 1	Week Beginning: Week 3 01/20/25-1/24/25
School Year: 2024-2025	Subject: Math	

Monday	Notes:	**Objective:** NO SCHOOL! MLK DAY	**5.NF.B.4** Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. **5.NF.B.3** Interpret a fraction as division of a numerator by a denominator. Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers by using visual fraction models or equations to represent the problem. E**5.L.4** Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

Tuesday		**Objectives:** • Students represent the quotient to a division equation as a fraction or mixed number. • Students determine whether a quotient should be written with a remainder or as a mixed number. • Students find the area of a rectangle with fractional side lengths by tiling. • Students find the area of a rectangle with fractional side lengths by multiplying the side lengths. • Studes use an area model to represent multiplication of mixed numbers. • Students find partial products using an area model. • Students will learn how to use simplest/reduced form. Language Objectives: • Students talk about relating fractions to division with the gerund using. • Students discuss whether a quotient should be written with a remainder or as a mixed number using apply. • Students explain how to find the area of a rectangle with fractional side lengths using the verb tile. • Students talk about using an area model to represent multiplication of mixed numbers using the terms similar to and different from. **Lesson Overview:** • Unit 10 Test: 2 days • Renaissance (Deer Valley print packet) Unit 10 practice book for 5.NF.B.4 • Unit 11 Lesson 1: Relate Fractions to Division • Unit 11 Lesson 2: Solve Problems involving Division • Practice book pages 125-128 **Differentiation:** • Extend Your Thinking Problems • Error Analysis Questions • Stem Connection Questions • Math practice online 5.NBT.B.7 • Extra assignments **Homework**: Exit Ticket 10-3 to 10-4	Academic Standards: **5.NF.B.4** Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. **5.NF.B.3** Interpret a fraction as division of a numerator by a denominator. Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers by using visual fraction models or equations to represent the problem. E**5.L.4** Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

		Vocabulary: denominator, dividend, divisor, numerator, quotient, fraction model, multiplication, product, partition area, square unit, area model, decompose, mixed number, partial products	

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		area, square unit, area model, decompose, mixed number, partial products	

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