UNIT 5 - LESSON PLANS

Class	Math 5	Topic	Multiplication of Fractions and Whole Number	Lesson	2	**Of**	8

Objective	Students will: • Use fraction of a set to interpret fractions as division. • Use tape diagrams to multiply a whole number by a fraction. • Relate a fraction of a set to interpret fraction multiplication through repeated addition. • Solve problems involving multiplication of factions and whole number using visual models or equations.
"I Can" Statement	I can multiply fractions and whole numbers using tape diagrams or equations. I can solve problems involving multiplication of fractions and whole numbers.

Common Core Standards	CCSS.MATH.CONTENT.5.NF.B.4 Apply and extend previous understandings of m1ultiplication to multiply a fraction or whole number by a fraction. CCSS.MATH.CONTENT.5.NF.B.4.A Interpret the product (a/b) × q as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a × q ÷ b$. For example, use a visual fraction model to show (2/3) × 4 = 8/3, and create a story context for this equation. Do the same with (2/3) × (4/5) = 8/15. (In general, (a/b) × (c/d) = (ac)/(bd). CCSS.MATH.CONTENT.5.NF.B.6 Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.

Bell Work	See Bell Work 5-2

Procedures	1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes 3. Present lesson or play a video lesson. 4. Use an Online Activity if time permitted. 5. Distribute Lesson Assignment.

Assessment	Bell Work 5-2 Assignment 5-2 Exit Quiz 5-2

MathTeacherCoach.com

UNIT 5 - LESSON PLANS

Additional Resources	See Online Activities

MathTeacherCoach.com