Grade: 6th			Subject: Math
Materials: Scratch Paper and a Pencil			Technology Needed: None
Instructio Direct Guide Socra Learn Lectu Lectu Other	onal Strategies: t instruction ed practice tic Seminar ing Centers re hology ration • (list)	 Peer teaching/collaboration/ cooperative learning Visuals/Graphic organizers PBL Discussion/Debate Modeling 	Guided Practices and Concrete Application: Large group activity Hands-on Independent activity Technology integration Pairing/collaboration Imitation/Repeat/Mimic Simulations/Scenarios Other (list) Explain: Explain:
Standard(s)			Differentiation
 <u>6.NS.1 -</u> Use visual fraction models and equations to interpret and compute quotients of fractions. Objective(s) Students are able to multiply fractions together Bloom's Taxonomy Cognitive Level: Analyzing / Evaluating 		nd equations to interpret and ns.	 Below Proficiency: Students are unable to multiply fractions correctly and cannot repeat the process. => Have these students work with me in the back of the classroom for one-on-one help. Above Proficiency: Students are able to multiply fractions correctly and with ease. => Have these students continue their work and have them try harder problems in the book. Approaching/Emerging Proficiency: Students are able to multiply fractions with minimal struggle and minimal error. => Have these students work with their pods to collaborate on the process. Modalities/Learning Preferences: Repetition, Visual, Lecture, Collaboration, and Discussion
Classroom Management- (grouping(s),			Behavior Expectations- (systems, strategies, procedures
movement/transitions, etc.)			specific to the lesson, rules, and expectations, etc.)
Students will work collaboratively with others during turn and talks during the lesson with their pods that they are in.			Students are expected to follow school rules as well as being respectful towards others, participating during turn and talks, and to ask questions when they do not understand a concept.
Minutes		Procedu	res
1	Set-up/Prep: Set up notes and grab entrance and exit tickets		
2	Engage: (opening activity/ anticipatory Set – access prior learning / stimulate interest /generate questions, etc.) Entrance Ticket: Attached at bottom		
25	25 Explain: (concepts, procedures, vocabulary, etc.)		
	n = numerator, d	= denominator	
	$n/a \ge n/a = (n \ge n)$	1) / (d X d)	

	$3 \ge 1/3 = 3/1 \ge 1/3 = (3 \ge 1) \ ./ \ (3 \ge 1) = 3/3 = 1$			
	2/5 x 4/5 = (2 x 4) / (5 x 5) = 8/25			
	We do:			
	Let's simplify too!!!			
	$3/4 \ge 4/5 = (3 \ge 4) / (4 \ge 5) = 12/20 = 3/5$			
	$2/3 \ge 4/5 = (2 \ge 4) / (3 \ge 5) = 8/10 = 4/5$			
	$3/4 \ge 8/15 = (3 \ge 8) / (4 \ge 15) = 24/60 = 2/5$			
	They do:			
	Remember to Simplify!!!			
	$4/5 \ge 4/5 \ge 5/1 = (4 \ge 5) / (5 \ge 1) = 20/5 = 4$			
	$4/7 \ge 1/2 = (4 \ge 1) / (7 \ge 2) = 4/14 = 2/7$			
	a = 2/3, b = 9/15 a x b = 2/3 x 9/15 = (2 x 9) / (3 x 15) = 18/45 = 6/15			
	You bake cookies for 1/2 an hour. You spent 1/4 of that 1/2 hour cleaning the dishes. What fraction of an hour did you spend cleaning the dishes. $1/2 \ge 1/4 = (1 \ge 1) / (2 \ge 4) = 1/8$ of the hour			
	If time allows we can do more examples!!!			
15	Explore: (independent, concreate practice/application with relevant learning task -connections from content to real-life experiences, reflective questions- probing or clarifying questions)			
	Homework for Section 2.3 Page 58-60, #12 – 18 evens, #23, 26			
2	Review (wrap up and transition to next activity):			
2	Exit ticket: Attached at bottom			
Formative Assessment: (linked to objectives) Progress monitoring throughout lesson- clarifying questions, check-		Summative Assessment (linked back to objectives) End of lesson:		
in strategies, etc.		Exit ticket		
Walking around during turn and talks to see what each group can collectively do and understand during collaboration.		Page 58-60, #12 – 18 evens, #23, 26		
Conside	eration for Back-up Plan:	If applicable- overall unit, chapter, concept, etc.:		
Khan Academy for multiplying fractions activity		Summative quiz on Chapter 2		
Reflection (What went well? What did the students learn? How do you know? What changes would you make?):				

Entrance Ticket

Evaluate the Expressions:

1.
$$3x \frac{1}{3} =$$

2.
$$\frac{1}{3} \times \frac{1}{5} =$$

Exit Ticket

Find and fix the mistake below:

1)
$$\frac{3}{8} x \frac{5}{8} = \frac{3 x 5}{8} = \frac{15}{8}$$

Name:_____

Name:_____