Lesson Plan Date: 10/12/2022

Grade: 6 th Grade		
Materials: Scrap paper, pencil		Technology Needed: Computer for PowerPoint
Instruction	al Strategies:	Guided Practices and Concrete Application:
 Direct Guided Socrat Learni Lectur Techn Other 	instruction Peer teaching/collaboration/ d practice cooperative learning tic Seminar Visuals/Graphic organizers ng Centers PBL re Discussion/Debate ology integration Modeling	 Large group activity Hands-on Independent activity Technology integration Pairing/collaboration Imitation/Repeat/Mimic Simulations/Scenarios Other (list) Explain:
Standard(s)		Differentiation
6.NS.2: Fluently divide multi-digit numbers using the standard algorithm		Below Proficiency: The students who are below proficiency will only have the set of problems that they will be assigned. They also will receive a little
Objective(s) By the end of the lesson the students will be able to convert decimals into fractions using reading and computations.		more help when doing the problem set to get them to proficiency. Above Proficiency:
Bloom's Taxonomy Cognitive Level:		The students who are above proficiency will have a few more problems to do if they get through the first problem set as time allows will be assigned a second. They also will help the students
		who are below proficiency if they need help.
		Approaching/Emerging Proficiency:
		The students who are approaching proficiency can ask the students who are above proficiency for help and if they still have questions they can ask me for help.
		Modalities/Learning Preferences:
		Existential, Verbal/Linguistic, Visual/Spatial, Bodily/Kinesthetic, & Interpersonal
Classroom Management- (grouping(s), movement/transitions, etc.)		Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules and expectations, etc.)
The students have assigned seats. The seating is arranged in such a way that limits the amount of distractions for each student so that they can learn to the best of their ability. The students also know where the calculators are in the classroom so that when they need them they can quietly walk over and get one.		The students will know the classroom procedures and will know to come into class and sit down and wait till everyone is in class and then we will start. The students will also know that they must respect me and the other students at all times.
Minutes Procedures		
0	Set-up/Prep: I will have the PowerPoint up and running when the students get in and I will have the problem set on the board for the students so they know what they need to do. I will also have the small pre-guiz ready for the students to take.	
	Engage: (opening activity/ anticipatory Set –	access prior learning / stimulate interest /generate
8	questions, etc.) I will first pass out the pre-quiz for them to attempt and I will give them about 2-3 minutes to work on it and I will then collect it and see where students were really struggling at and spend more time on that part where they are struggling at. After I collect and look at the quiz I will ask the students "Where do you see decimals most often? Is there any other way that we can write decimals?"	
	Explain: (concepts, procedures, vocabulary, e	etc.)
20	What is a terminating decimal? It is a decima terminating decimals and repeating decimals. give an example of one? One way to convert For example 0.4 is four tenths which can be w	I that has a last digit and ends. There are both What do you think a repeating decimal is and can you a decimal into a fraction is to say the decimal in words. written as 4/10. Likewise if we have the decimal 0.15 it
	respectively. Another way to convert decima	Is to fractions is by moving the decimal to the right and

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	get it to a whole number, then multiply 10 with example we have 0.2357 and we want to com- right 4 times and we multiply 10 4 times and we over the denominator and we get 2,357/10,00 0.28, 0.567, and 0.7896. Answers are 5/10=1, (factor out an 8). Sometimes we have a decim When this happens the number out in front is decimal is the fraction part. For example we have	th itself that many times to get the denominator. For vert it into a fraction. We first move the decimal to the we get 10,000 and we then write the whole number 00. Now do these next problems on your own: 0.5, /2, 28/100=7/25, 567/1,000, 7,896/10,000=987/1250 nal with a whole number in front of the decimal. the whole number of a mixed number and after the pave the number 3 25. The 3 is the whole number and	
	the 0.25 is the fraction. With what we just lead now do one word problem so we can see a re whooping crane and the piping plover. How r crane than the weight of the piping plover? V question we need to divide the whooping crane / 1 7/8 = 985/4 / 15/8 (factor out a 5 and 4)= 3	arned on the previous slide the answer is 3 ¼. We will al-life application. Two protected bird species are the nany times greater is the weight of the whooping Vhooping Crane: 246.25 Piping Plover: 1 7/8. For this ne weight by the piping plover weight. We have 246 ¼ 394/3 = 131 1/3.	
10	Explore: (independent, concreate practice/application with relevant learning task -connections from content to real-life experiences, reflective questions- probing or clarifying questions) The students will now work on a few problems if they have time. If they do not have time the students will work on the homework and problems tomorrow.		
6	Review (wrap up and transition to next activity): Do you all feel a little bit more comfortable with converting decimals into fractions? You will have a small quiz at the end of class tomorrow or Friday just reviewing what we learned today. Mrs. Metzger will collect it and give it to me that way I can see the improvement from the quiz you took today.		
 Formative Assessment: (linked to objectives, during learning) Progress monitoring throughout lesson (how can you document your student's learning?) 		Summative Assessment (linked back to objectives, END of learning)	
The students will have a pre-assessment that they will take prior to the lesson and will then also have a post-assessment a few days after the lesson to track the progress of the students.			
Reflection (What went well? What did the students learn? How do you know? What changes would you make?): The students were eager to learn and were very engaged and wanted to answer questions. They also really wanted to come up to the board to solve some of the problems that I had for exercises. A couple of things that I will change in the future is give the students more time for the word problem at the end. The other thing that I will change is give the students the pre-assessment to the students the day before the lesson so I have time to change the lesson if needed to get all of the students engaged and be at the level they need to be at.			