Lesson Plan Template

| Grade: 6 (44 min) |  |  | Subject: Math |
| :---: | :---: | :---: | :---: |
| Materials: Pencil, paper |  |  | Technology Needed: Power point |
|  | Strategies: <br> instruction <br> practice <br> ic Seminar <br> g Centers <br> logy integration <br> (list) | $\square$ Peer teaching/collaboration/ cooperative learning Visuals/Graphic organizers <br> PBL Discussion/Debate Modeling | Guided Practices and Concrete Application: Large group activity Hands-on Independent activity Technology integration Pairing/collaboration Imitation/Repeat/Mimic <br> Simulations/Scenarios <br> Other (list) <br> Explain: |
| Standard <br> 6.NS. 1 <br> interpr <br> models <br> division | visual fract nd compute d equations fractions by | models and equations to otients of fractions. Use solve word problems involving ctions. | Differentiation <br> Below Proficiency: <br> Will be able to work with a peer and may help each other through <br> the problems. <br> Above Proficiency: <br> Will be able to work at their own pace and ask questions if needed. <br> Approaching/Emerging Proficiency: <br> Will be able to work with a peer and ask questions when needed. <br> Modalities/Learning Preferences: |
| Objective(s) <br> Students can multiply mixed numbers. <br> Students can multiply mixed numbers and fractions. Students can multiply mixed numbers and simplify. <br> Bloom's Taxonomy Cognitive Level: <br> Solve, demonstrate, calculate |  |  |  |
| Classroom Management- (grouping(s), movement/transitions, etc.) Students will work with the person next to them to complete the activity. |  |  | Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules and expectations, etc.) <br> When working students are expected to be respectful of others and work at a quiet voice level. |
| \| Minutes | Procedures |  |  |
|  | Set-up/Prep: Power point is made and projected on the board. |  |  |
| 5 | Engage: (opening activity/ anticipatory Set - access prior learning / stimulate interest /generate questions, etc.) <br> First, I want to start off by giving you a pre assessment. This will not be graded this is just for me to see where you are at and then your progress through the lesson. <br> Multiply. Write the answer in simplest form. $\frac{1}{3} \times 2 \frac{2}{3} \quad 3 \frac{1}{2} \times 5 \frac{7}{10}$ <br> Let's go over how to turn a mixed number into an improper fraction just to refresh your memory. Can anyone explain to me how we would turn this mixed number into an improper fraction: $6 \frac{1}{3}$ <br> We need to multiply and then add. So, we would get $\frac{19}{3}$. |  |  |
| 20 | $2+\frac{1}{2} \times \frac{2}{3} \cdot \frac{3}{2}=\frac{6}{6}=1$ <br> Example 2. <br> Now I want you to try these two examples on your own. $\frac{4}{9} \times \frac{8+1}{4} \cdot \frac{9}{4}=\frac{36}{36}=1$ |  |  |



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Reflection (What went well? What did the students learn? How do you know? What changes would you make?):
The lesson went well the students were engaged and participating during the lesson. The students were raising their hands and eager to answer the questions. One thing I would change would be not to go over the distributive property. Math 6 was having a hard time understanding it and I felt it was not needed for them to understand the objective and standards that go along with this lesson. I would have just wanted to go ver more examples of using strategy two which was turning the mixed numbers into an improper fraction. They enjoyed the dice activity as it gave them freedom to write their own problems and solve. My cooperating teacher also enjoyed the activity she used it for the rest of her math 6 classes the rest of the day with a little modification for it.

## Activity

Roll the dice to fill in all the blanks.
Make sure the smallest number you roll is the numerator of the fraction!


