

## Lesson Plan

Date: 10/12/2022

|  | get it to a whole number, then multiply 10 with itself that many times to get the denominator. For example we have 0.2357 and we want to convert it into a fraction. We first move the decimal to the right 4 times and we multiply 104 times and we get 10,000 and we then write the whole number over the denominator and we get $2,357 / 10,000$. Now do these next problems on your own: 0.5 , $0.28,0.567$, and 0.7896 . Answers are $5 / 10=1 / 2,28 / 100=7 / 25,567 / 1,000,7,896 / 10,000=987 / 1250$ (factor out an 8). Sometimes we have a decimal with a whole number in front of the decimal. When this happens the number out in front is the whole number of a mixed number and after the decimal is the fraction part. For example we have the number 3.25 . The 3 is the whole number and the 0.25 is the fraction. With what we just learned on the previous slide the answer is $31 / 4$. We will now do one word problem so we can see a real-life application. Two protected bird species are the whooping crane and the piping plover. How many times greater is the weight of the whooping crane than the weight of the piping plover? Whooping Crane: 246.25 Piping Plover: $17 / 8$. For this question we need to divide the whooping crane weight by the piping plover weight. We have $2461 / 4$ $/ 17 / 8=985 / 4 / 15 / 8$ (factor out a 5 and 4 )= $394 / 3=1311 / 3$. |  |
| :---: | :---: | :---: |
| 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): <br> 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) <br> - Progress monitoring throughout lesson (how can you document your student's learning?) <br> 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. |  | Summative Assessment (linked back to objectives, END of learning) |
| Reflection (What went well? What did the students learn? How do you know? What changes would you make?): <br> 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. |  |  |

