



Technology Integration Lesson

Plainville Community Schools

LESSON TITLE: Fraction Word Problems

GRADE: Third

OBJECTIVE: Students will be able to write and illustrate a fractional word problem.

CURRICULUM CONNECTION:

- 1.2 Identifies, labels, or shades fractional parts of regions and sets
- 4.1 Recognizes fractions of a whole up to twelfths

MATERIALS: Kidspiration, computer, printer, SmartBoard if available to demonstrate

HELPFUL HINT: Do one or two word problems like this per day, as a teacher guided activity, for a few days leading up to the scheduled lab time. This will familiarize the students with the concept.

PROCEDURE: (Read to students)

1. Today we're going to use Kidspiration to write and illustrate word problems that use fractions.
2. Find Kidspiration on your dock, and click on it.
3. The box in the top left is for a new blank document. We want a picture. Double click on the new picture icon.
4. Double click on the main idea symbol. Delete the words main idea.
5. Type Fractions by, and your name.
6. Click in the white space next to your symbol so it is deselected.
7. Now click back on your symbol one time so it has white handles. Hold down your mouse button and drag it to the top of your document.
8. Click your mouse on the white space below your title symbol.
9. Look at your symbol palette. Find the rectangle symbol and click on it one time. It places a rectangle on your paper. This is where you'll type your fraction word problem. You can use the corner handles to resize your symbol whenever you want.
10. Before you type your word problem you have to decide what pictures to use, so you know what your problem will be. You can scroll through one symbol library at a time by clicking the blue right and left arrow buttons. You can go directly to a specific symbol library by holding down the orange down arrow button, and clicking on the name of the symbol library you want.
11. For this activity the easiest way to get your pictures onto your document is to click and drag them from the symbol palette to your document. If you accidentally place something you don't want on your document, click on it one time so it has white handles around it, and then hit the delete key on your keyboard.
12. Take a minute to practice this before you start.
13. Now it's time to delete all those pictures you placed on your document that will not be a part of your word problem.



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14. Place the pictures you want to use on your document, and then write your word problem. Remember that your question must ask about fractional parts of a set.
15. Now it's time to print out document. Click on File, select Print, and click the blue print button.
16. We need to save our document. Click on File, select Save As. Make sure you are in your documents folder (or other teacher directed folder). Type "fraction wp" (word problem) for your document's title. Click the save button.

EXTENSION: Students create a harder bonus question in another symbol rectangle.

EVALUATION: Teacher created rubric or other teacher created evaluation tool.