**Cooking with Fractions**

**Goal:** Convert your original recipe to make exactly enough food for one serving, also half your original recipe and then convert your original recipe to have enough food to serve 30 people.

* You may create a Powerpoint, Prezi, poster board or booklet to put your assignment together.
* Make sure to include headings for each step.
* All fractions should be in their simplest form.

**Instructions**

**Step 1: Write the Original Recipe**

Ask a family member for a traditional family recipe. (if you don’t have a family recipe research recipes you would be interested in making)

The recipe you select has to meet the following requirements:

**EVERY** requirement has to be met.

* Provide the name of the recipe.
* Recipe has at least **6** different ingredients
* Recipe contains at least **4** different fractional amounts
* Recipe contains at least **2** mixed numbers
* Recipe shows original number of servings made
* Recipe makes at least **4** servings

Make sure to list the name of each ingredient (abbreviations may be used in parentheses beside the actual name) with its measured amount and correct units.

* For example: 1 cup of flour (fl)

**Step 2**: Explanation for one serving recipe.

* Provide an explanation of what you did to change the recipe to serve one person.

**Step 3:** Write the Recipe that has been change to serve one person.

* Make sure to list all ingredient used in the original recipe.
* The Recipe shows the number of servings.

**Step 4**: Explanation (halved)

* Provide an explanation of what you did to half the recipe.

**Step 5:** Write the Recipe that has been halved.

* Make sure to list all ingredients used in the original recipe.
* Recipe shows the number of servings now that the recipe has been halved.

**Step 6:** Explanation (30 people)

* Provide an explanation of what you did to determine how much of each ingredient was needed to feed at least 30 people.

**Step7**: Write the Recipe that shows how much of each ingredient is needed in order to serve at least 30 people.

* Make sure to list all ingredients used in the original recipe.
* Recipe shows the number of servings.

**Step 8**: Provide the source of the recipe in complete sentence (who/where did you get this recipe from).

* Give the family or cultural history of this recipe (What type of dish is this recipe (American, Italian, Chinese…) Why did you choose this recipe? Does it have a special meaning to your family or to your culture?)

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| **Grading Rubric for Fraction Project** | | |
|  | **Point Value** | **Points Given** |
| Student provided family recipe that meets all of the requirements. | 30 |  |
| Clear, detailed explanations are given for each recipe (one serving, halved and serving for 30). | 60 |  |
| Recipes with all listed ingredients are provided for one serving recipe, recipe that is halved and recipe for a serving of 30). | 60 |  |
| All fractions are in their simplest form. | 20 |  |
| A title or cover page is provided for the overall project. | 7 |  |
| A heading is provided for each step. | 16 |  |
| Neatness and Organization | 20 |  |
| Creativity | 15 |  |
| Serving amounts are included for each recipe. | 27 |  |
| Source of recipe explanation | 20 |  |
| Total Points: | 275 |  |