

## *Fraction Friend Project*

**Content Standard:** Number Sense

**Anticipatory Set:** A fraction can be used to represent many things such as a ratio, proportion, money, percent, and decimals.

**Objective:** Given the “Fraction Friend Project” Frame and one fraction the students will write a story about what happens in the life of their fraction in different forms.

**Purpose:** The purpose is to have the students apply their knowledge of fractions to create a story using different forms of their one fraction.

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**Input:** Today you will choose one fraction and find the many different ways you can use it such as a decimal, percent, ratio and proportion. You will then use these facts to create a story about the events in the life of your fraction.

**Model:** I will pick one fraction and I will calculate the different forms of that fraction. I will fill out the Fraction Friend Frame and create a short story about the life of the fraction.

**Guided Practice:** The students will work on their “Fraction Friend Frame” to calculate the different forms of their own fractions.

**Check for Understanding:** They will show me their different forms before they go on.

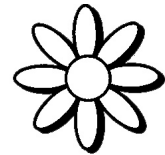
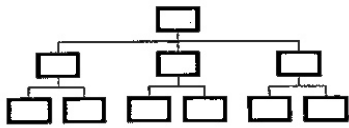
**Independent Practice:** The students will use their “Fraction Frame” to create their story.

**Closure:** One student from each group will share their story with the class as they listen to The correct use of the fraction.

Materials, Resources, and Equipment:

Math book for a resource.

"Fraction Friend" Frame



## Fraction Friend Writing in Math

You will be writing a story about your fraction friend.

It needs to be creative and accurate.

You will need to use correct English format: paragraphs, title, correct spelling and sentence structure.

You need to include:

1. \_\_\_\_\_ Your fraction's name in words
2. \_\_\_\_\_ Your family- smaller fractions (younger)  
larger fractions (older)
3. \_\_\_\_\_ Your reciprocal
4. \_\_\_\_\_ Your fraction as a decimal
5. \_\_\_\_\_ Your fraction as a percent
6. \_\_\_\_\_ An illustration of your fraction
7. \_\_\_\_\_ Your fraction used in a proportion
8. \_\_\_\_\_ Your fraction as money \$\$\$\$\$\$

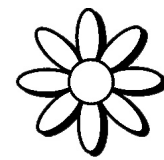
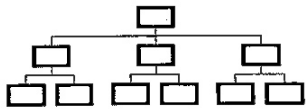
9.\_\_\_\_ Your fraction in lowest terms

10.\_\_\_\_ A word problem with your fraction  
as the solution

Write your fraction name here \_\_\_\_\_

Completed project due \_\_\_\_\_

## Fraction Friend



## Scoring Guide

1.\_\_\_\_ Your fraction's name in words

2.\_\_\_\_ Your family- smaller fractions (younger)  
larger fractions (older)

3.\_\_\_\_ Your reciprocal

4.\_\_\_\_ Your fraction as a decimal

5.\_\_\_\_ Your fraction as a percent

6.\_\_\_\_ An illustration of your fraction

7.\_\_\_\_ Your fraction used in a proportion

8.\_\_\_\_ Your fraction as money \$\$\$\$\$\$

9.\_\_\_\_ Your fraction in lowest terms

10.\_\_\_\_ A word problem with your fraction  
as the solution

11.\_\_\_\_ Correct Spelling

12.\_\_\_\_ Title

13.\_\_\_\_ Paragraph/Sentence Structure

12-13 points = A      9-10-11 points = B      5-6-7-8 points = C

3-4 = D

1-2 = F