

No Bake Cat or Dog Treats

Overview: Students will explore the use of fractions in everyday life by making treats for a cat or dog.

Materials: mixing bowl, measuring cups, pumpkin puree, oats, water, baking sheet or large plate

Key Questions:

- What can a fraction represent?
- Where do you see fractions in everyday life?
- Which fraction is bigger?
- Which one is smaller?

Big Idea:

- Fractions are a type of number that can represent quantities

**curriculum links listed at the end of this packet*

Activity:

Have students make the attached recipe for no bake cat or dog treats. To see the different amounts of measurements, students can be asked to measure out the ingredients and put them each in a different (but same size) plate or bowl to see the difference in quantity.

In addition, have the students look at the additional material to create a list of foods that are toxic to dogs/cats and which ones are safe.



Discussion Questions:

- What do fractions represent in this activity?
- Which fraction showed the biggest amount? The smallest?
- Where else do we see fractions in real life?
- Why do you think there are different dangerous foods for dogs and cats?
- What foods are safe to make treats with for these animals?

Fraction Learning Tip:

When having students increase or decrease the amount of ingredients, encourage them to measure the full amount first and then either split it into 2 equal groups to cut it or measure it out twice to double it. Is there a measuring cup the new amounts fit in best? Which one?



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Materials: mixing bowl, mixing spoon, pumpkin puree, oats, water, and measuring cups.

Directions: Create a healthy treat for your cat or dog with these easy steps!

1

In a large bowl, combine $\frac{3}{4}$ cup of pumpkin puree and $\frac{1}{4}$ of water. Stir well to combine.

2

Add $2\frac{1}{2}$ cups of quick oats to the pumpkin mixture and stir well to fully mix the ingredients

3

Using your hands, roll the mixture into spheres! Spread any extra oats on a plate and roll the spheres in the oats to create a coating. *Remember, small dogs and cats need smaller treats!*

4

Refrigerate the treats for 24 hours (this helps firm them up!) before serving them to your cat or pup.



Learn more:

Here is a list of foods that are toxic for [dogs](#) and one for [cats](#). What can pet owners do to make sure their pets stay safe in the kitchen?

If your student is unsure as to which measurement is bigger, have them measure ingredients and lay them out on similar size plates.

Which plate has more?



No Bake Treats

Curriculum Links

Curricular Competencies and Content:

Mathematics

- Fraction concepts
- Develop mental math strategies and abilities to make sense of quantities
- Connect mathematical concepts to each other and to other areas and personal interests

Science

- Make predictions based on prior knowledge
- Compare results with predictions, suggesting possible reasons for findings
- Contribute to care for self, others, school, and neighbourhood through individual or collaborative approaches

Core Competencies:

Thinking:

- I can use evidence to make simple judgements