



How Much is That Doggy (or Kitty) at the Shelter?

HOW MUCH IS THAT DOGGY, LESSON 5

Activity Overview and Objective

Students will be able to determine the full cost of a pet at adoption, by choosing pet care items for their selected pet type; Determine cost of selected type of pet for one year.

Connections to Standards

Michigan Standards in English Language Arts

Reading: Foundational Skills

RF 3.3, 4.3, 5.3: Know and apply grade-level phonics and word analysis skills in decoding words

RF3.4, 4.4, 5.4: Read with sufficient accuracy and fluency to support comprehension.

Writing:

W3.1, 4.1, 5.1: Write opinion pieces on topics or texts, supporting a point of view with reasons.

W3.2, 4.2, 5.2: Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

W3.3, 4.3, 5.3: Write narratives to develop real or imagined experiences or events using effective techniques, descriptive details, and clear event sequences.

W3.4, 4.4, 5.4: Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.

Speaking & Listening:

SL3.1, 4.1, 5.1: Engage effectively in a range of collaborative discussions on grade level topics and texts.

SL3.3, 4.3, 5.3: Ask and answer questions about information from a speaker, offering appropriate elaboration and detail (3). Identify reasons and evidence to support particular points (4). Summarize the points and explain how each is supported by reasons and evidence (5).

Language:

L3.1, 4.1, 5.1: Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.

L3.2, 4.2, 5.2: Demonstrate command of the conventions of Standard English capitalization, punctuation, and spelling when writing.

L3.3, 4.3, 5.3: Use knowledge of language and its conventions when writing, speaking, reading, or listening.

L3.4, 4.4, 5.4: Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade-level content.

Michigan Standards in Mathematics

Operations & Algebraic Thinking:

3.1OA, 4.1OA, 5.1OA: Interpret products of whole numbers and a multiplication equation as a comparison.

3.3OA, 4.3OA: Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities (3). Solve multi-step word problems (4).

Number & Operations in Base Ten:

3.2NTB, 4.2NTB: Fluently read, write, add and subtract multi-digit whole numbers using base-ten numerals number names, and expanded form.

3.4NTB, 4.4NTB, 5.4NTB: Fluently add and subtract multi-digit whole numbers using the standard algorithm.

4.5NTB: Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations.

Measurement & Data:

4.2MD: Use the four operations to solve word problems involving money.

Lesson Overview

Activities

Choose the activities that best match the interest and needs of your students.

- ☞ Discussion About Pet Care & Pet Needs
- ☞ Calculate the True Cost of Owning a Pet
- ☞ Create a Monthly & Yearly Budget for a Pet
- ☞ Review Activity & Discussion of Pet Needs & Costs

Materials

Poster Paper & Markers

Calculator for each student (optional)

Worksheets: “Pet Price List”, “Cat and Dog Supply Lists”, and “Pet Budget”

Community Connection

- ♦ Visit a local pet supply store to research current prices on pet items.



How Much is That Doggy (or Kitty) at the Shelter?

Procedure

1. Write the words "Cat" and "Dog" at the top of chart paper or the board. **Ask students to think about all the different types of supplies and services** (such as vet care and vaccinations) **that each of these pets need. Students will take turns writing their ideas** under the correct pet heading.
2. Ask student to **analyze the list, and choose the things that are necessary as soon as the pet is adopted.** Circle these things with one color. Now ask students to **consider things that pets need at least yearly.** Circle these things with a different color. If there are things that the pet would need on a weekly or monthly basis, use a third color to circle these as well.
3. **Explain that sometimes people don't consider the full cost of adopting a pet before doing so:** Other than adoption fees, there are many supplies and services to provide to pets on a daily, monthly, and even yearly basis. **Explain that students will be "adopting" a pretend pet of their choice, and determining the full cost of that pet, after all supplies and services are provided.**
4. Pass out the "Pet Price List," **and ask each student to consider the pet they would like to "adopt": a cat or a dog.** Pass out the appropriate supply list sheet to each student. **Students will have to determine care for their pet within a budget.**
5. Pass out the dog or cat supply item list to each student. (Note that all items marked with * are required, and must be purchased!) Students will each be given a \$500 budget. **Students will create a list of the items that they would like to purchase** for their chosen pet, along with the prices of each. They must stay within their budget amount! **They will likely have to make choices between the things they really want, and what they can afford to stay within their budget.** (Any students choosing 2 cats must get two of each of the following items: dry food, cat litter, sleeping place, tag, and more toys. The cats can share a carrier, food bowls, and scratching post.)
6. **Now ask students to create a monthly and yearly budget for their pet.** Use the "Pet Budget" worksheet to help determine the full price of supplies needed for each type of pet each month, then figure out the yearly total of owning a pet.
7. **As a class, review the information that was calculated.** Discuss the activity, by asking the following questions:
 - a) What kinds of items could you not afford on your original budget?
 - b) Who had the least/most expensive yearly budgets?
 - c) Who had extra money to spend? What did students choose to spend the most money on (originally, and for the year)?
 - d) Is owning a pet more expensive than you first thought? **Explain the importance of a family being ready for a pet and making responsible decisions about pet ownership.**