

# TINY OR BIG

## Objective

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The students will be able to compare and estimate weights of familiar objects in relation to the classroom pet.

## Materials Needed

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- Scale with flat surface (gram)
- Gram weights – 1, 5, 10 grams
- Pet box
- Objects around the classroom
- Comparison Page

## Directions

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1. Discuss how objects are weighed and the different measurements used (ounces, pounds, grams and kilograms). Pass around the one-gram weight and let the students hold. Explain that if an object weighs three grams its weight is equal to three of the one-gram weights.
2. Have the students choose two different objects from their desk. Ask them to hold one object in each hand and guess which one is heavier. Have the students switch objects with a partner and see if they agree which object is heavier.
3. Pass out the Comparison Page. Have the students choose two objects to weigh on the scale – from the room or their own desk. Have the students draw a picture of each object in one of the boxes on the Comparison Page. Give each student the opportunity to weigh his or her objects.
4. Show the students how to weigh your pet. Place the pet box on the scale and tare to 0. (Explain that you had to tare so that you did not include the weight of the box.) Have the students estimate how much the pet will weigh. Place your pet in the box and close lid to weigh.



5. Have the children mark the weight of their pet on the Comparison Page. Explain how weighing your pet helps you to know that he/she is healthy and eating well. Vets weigh animals just like doctors weigh people.
6. Discuss what other pets might weigh.

Hamster/Gerbil	50 – 65 grams
Chinchilla	550 – 700 grams (1.2 – 1.5 pounds)
Guinea Pig	454 – 1,362 grams (1 – 3 pounds)
Ferret	908 – 2,270 grams (2 – 5 pounds)
Cat	5,448 – 7,718 grams (12 – 17 pounds)
Medium Dog	11,350 – 18,160 grams (25 – 40 pounds)



## Tiny or Big

My \_\_\_\_\_ weighs \_\_\_\_\_ grams.

My \_\_\_\_\_ weighs \_\_\_\_\_ grams.



Our classroom pet weighs \_\_\_\_\_ grams.

