The Role of Calcium in Bones Experiment:

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Make a prediction about how bones change when calcium is removed from them?
2. Use your observations and measurements to compare the two bones. What happened to the bone in the vinegar? What happened to the bone in water?
3. Was your prediction correct?
4. What do you think would happen if your bones did not get enough calcium everyday?
5. Why did you have a chicken bone in water in this investigation? How did it help you understand what happens to a bone if calcium is removed?
6. Was this investigation a fair test? Why or why not?
7. What variables did you use in this experiment?
8. What would happen if you changed the variable to coca cola?’
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