



Technology Integration Lesson

Plainville Community Schools

LESSON TITLE: Nocturnal Animal Survey

GRADE: One

OBJECTIVE: Students will survey friends and family to find out their favorite nocturnal animal. Students will use Graph Club to graph and analyze the results.

CURRICULUM CONNECTION:

3.2.1 reads and interprets tables, charts and graphs

4.1.1 collects, organize and display information using charts, tables and graphs

4.1.2 interprets charts, tables and graphs

MATERIALS: Completed survey, Graph Club, computer, printer, SmartBoard if available to demonstrate

PROCEDURE: (Read to students)

1. Today we're going to use Graph Club to make a graph of the nocturnal animal survey.
2. Find the icon (picture) for graph club on your dock.
3. Click on it one time.
4. Find the red button that says Let's Graph. Put your finger on it. (Go around and check)
5. Now use your mouse to click on that button.
6. Find the big blue picture in the middle that says Create Graphs. Put your finger on it. (Go around and check)
7. Now use your mouse to click on that button.
8. The pictures at the top are not the pictures of what we want to graph. We're going to use the first letter of each animal for our symbols. To find those letters click one time on the change symbol button. (This is the plus sign in the blue circle next to the pictures at the top.)
9. Click one time on the tab that has the red L, for letters. (Go around and check)
10. The first nocturnal animal is a bat. What sound does bat begin with? What letter makes that sound?
11. Click one time on the letter B, and drag it up on top of the dog, above the slider, so it takes the place of the dog.
(Repeat this process with the other animal sound letters)
12. Look at your survey paper. Count how many people liked a bat the best. Drag that many B symbols to the B column.
13. Do the same thing for the owl, raccoon, and hedgehog columns. When you are done, double check your answers.
14. Look at the title of our graph. It says Title. That's not what we graphed. What did we graph?
15. Let's change the word Title to that. Click one time on the word title. In the box type _____ (fill in with the answer you wanted for the graph title).



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16. Now it's time to print.
17. Click one time on File
18. Select Print Graphs. (Go around and check that the correct window appears.)
19. Look for the box that says Your name. Type your name in that box.
20. Make sure there is a check in the box next to Your Name and Title of Graph.
21. Now make sure on the left side there's a check next to the words Picture and Bar, for our graphs. (Go around and check for this.)
22. Click the print button.
23. Now click the blue print button.
24. When we return to our classroom we'll use our graphs to answer some questions about favorite nocturnal animals.

EVALUATION: Teacher created rubric or teacher observation.

EXTENSION: You may wish to have more advanced students change the letter symbol to the actual words. Very advanced students might be able to use the notebook feature to type the answers to analyze their graph.

EXAMPLE:

