

Name: _____

Period #: _____

Grade 7 May Final (The Inquiry Process/Scientific Method) Study Guide

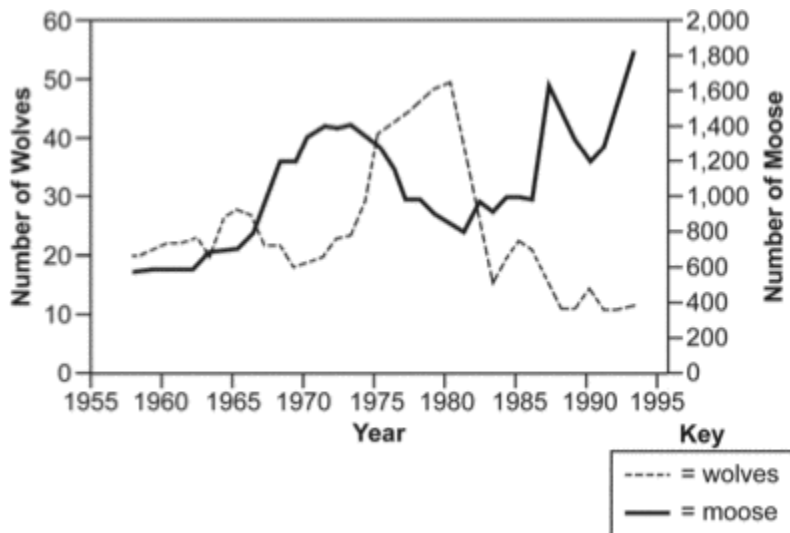
(Use the power points I have posted on my website as well as your Scientific Method Flip Book)

1. What are the steps to Scientific Method? (refer to your “flip book” or make a chart for yourself)
2. Why do we have and use the Scientific Method?
3. What is the “Problem” part of Scientific Method? (“Does...cause...?”) Always a question.
4. Why do we do research? When do we do most of it during experimentation?
5. What is a “Hypothesis”? How are they typically worded? What three components should they include?
6. What are “Variables”? Be able to distinguish between Independent, Dependent, and Control Variables.
7. Why do we collect data? Should it be put into tables and graphs?
8. What is the purpose of a “results” paragraph? Is it the LAST thing we do when writing an experiment?

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9. Know the difference between QUANTITATIVE and QUALITATIVE data.
10. Know the difference between INDEPENDENT, DEPENDENT, and CONTROL variables.
11. When graphing experimental data, time normally goes on which axis - X or Y?



12. What is being shown on the X axis? The Y axis?
13. What kind of event is happening with the wolf population? With the moose?
14. What seems to be the CARRYING CAPACITY for the wolves?