Name: _____ Period: _____ Test Date: _____

STUDY GUIDE
The Nature of Science and Inquiry Test

- ☑ My goal is for you to earn at least a B- to show mastery. If for some reason you do not earn this score, you will have the option to make corrections.
- ☑ However, you must PROVE to me that you studied in the first place.
    - Filling out this study guide is the JUST THE FIRST STEP. You also have to study the information on this study guide…not just "look" it over and not just the night before the test.
    - Study according to your learning style. There are tips posted in the room and I have other tips available for you to decide on.

PLAN:

Thurs. 10/26	Fri. 10/27	Sat. 10/28	Sun. 10/29	Mon. 10/30	Tues. 10/31
- get study guide - gather and organize study materials -start study guide	- work on study guide in class – complete it? - study or review w/ a partner	- find time to review at least 15 minutes	- find time to review at least 15 minutes	Kahoot or other review in class	Test is TODAY! - You can use your study guide for up to 15 minutes at the END of the test (:

1. LEARNING STYLE(S):

_____

2. AFTER FILLING OUT/CREATING A STUDY GUIDE, I WILL STUDY BY: _____

_____

3. MY GOAL IS TO EARN A SCORE OF _____ ON THIS TEST.

PARENT/GUARDIAN SIGNATURE: _____

- ☐ Below are science skills and topics you have learned and will be tested on.
- ☐ **You may write anything you want on this study guide to help you continue to understand, review, and remember these skills and topics. (Or use this as a guide to create your OWN VERSION of a study guide!)**
- ☐ **You can write in any way that helps you, such as a note out line, a mind-map, or visual notes! If needed, you can add one more, one-sided page to this study guide.**
- ☐ Things you can write include:
    - definitions
    - descriptions
    - examples
    - drawings
- ☐ Use the following resources FIRST before using the Internet:
    - The texts we used in class: "Science and the Natural World," Scientific Inquiry," "Safety in the Science Laboratory."
    - Notes, including notes from text, other notes such as "Variables DRY MIX," and investigation notes.
    - Graded work, quizzes, and bell work. If a question is marked wrong, use your resources to fix it.
    - Anything else completed in class

You have learned and will be tested over the following topics, concepts and skills.

☑ Can you identify skills or steps in an experiment or apply the skill in an example???

- ☐ observe
- ☐ classifying
- ☐ model
- ☐ keeping accurate records/investigation notes – why?
- ☐ quantitative observation
- ☐ qualitative observation
- ☐ prediction
- ☐ hypothesis
- ☐ controlled experiment
- ☐ variables
- ☐ independent/manipulated variable
- ☐ dependent/responding variables
- ☐ control variable
- ☐ data
- ☐ data table
- ☐ graph
- ☐ analyze
- ☐ evaluate
- ☐ conclusion
- ☐ scientific theory
- ☐ general lab safety (common sense!)
- ☐ interpreting safety symbols
- ☐ scientific method/scientific inquiry steps (and the "order" they should go in