

Science STUDY GUIDE

Chapter # 1: The Nature of Science

Test Date: _____

Vocabulary: Know the following terms and definitions

1. inquiry: Asking questions and looking for answers
2. observe: To use your senses to find out about something
3. tool: Something that is used to do work
4. hypothesis: A possible answer to a question
5. data: Information you observe to record in a chart.

Other concepts to know and understand:

1. Types of questions scientists would ask about the world around them. (Pages #7-9)
2. The types of science skills scientists use: observe, predict, classify, compare and contrast. (Page # 12- 13)
3. The types of tools scientists use and why they use them. (Page # 14- 17)
4. What a hypothesis is. (Page #22)
5. How scientists collect data and show data on charts or graphs. (Page #24-25)
6. What bar graphs are used for. (Page #27)