

Name: _____ Date: _____ Period: _____

Science Skill Questions: Interactive Science Book
Grade 6, Volume 1, Chapter 1

1. What is science? _____
2. What is observing? _____
3. Give an example _____
4. Give an example of a qualitative observation _____
5. Give an example of a quantitative observation _____
6. What is inferring? _____
7. What inference did Jane Goodall make? _____
8. What is predicting? _____
9. What was a prediction that Jane made? _____
10. Make your own prediction _____
11. What is classifying? _____
12. Give an example. _____
13. What is evaluating _____
14. What is a scientific model? _____
15. Why do we make models? _____
16. How far did Jomeo travel on the day he was mapped? _____
17. How many times did Jomeo stop to feed? _____ to rest? _____
18. What attitudes should a good scientist have? _____
19. Why is it good for a scientist to be curious? _____

20. Explain the three types of bias. _____

21. What is scientific reasoning? _____

22. What is the difference between being objective and subjective? _____

23. What is the difference between deductive and inductive reasoning? _____

24. When can faulty reasoning occur? _____

Find answers on pages 19-31.

25. What is scientific inquiry? _____

26. Make an observation about the cricket. _____

27. Write a testable question about the cricket. _____

28. How should a hypothesis be worded? _____

29. In science, a hypothesis must be _____

30. In order for to be valid, an experiment must do what? _____

31. Define manipulated, responding and constant variable.

32. What is meant by a controlled experiment? _____

33. How is scientific theory different from a scientific law? _____
