

**Chapter 1.1 Scavenger Hunt (7<sup>th</sup>)**

Date \_\_\_\_\_

Last Name \_\_\_\_\_, First \_\_\_\_\_ per \_\_\_\_\_

*Pre- read chapter 1.1 starting on page 1 and find the answers to the scavenger hunt clues.*

1. What is the **title** of chapter 1? \_\_\_\_\_
2. What is the “**Big Idea**” of chapter 1? \_\_\_\_\_  
\_\_\_\_\_
3. **Check what you know.**
  - a. Which of the questions can be answered by scientific investigation?  
\_\_\_\_\_
  - b. Explain \_\_\_\_\_
4. **Build Your Science Vocabulary”**
  - a. What is the vocabulary skill being discussed in the “section on page 2?  
\_\_\_\_\_
  - b. Complete the table.

<b>Word</b>	<b>Definition</b>	<b>Example Sentence</b>
Concept		Each section in this textbook contains key _____ which are the sections most important ideas
	<i>n.</i> A series of actions or events; A particular way of doing things	Science is an ongoing _____ of discovery.
Evidence	<i>n.</i> Facts, figures, or signs to show that something exists or is true	Scientists propose explanations based on _____ they gather.
Research		_____ into the causes of cancer may lead to a cure.

- c. What words in the table would best complete the following sentences?
    - i. Laboratory safety is an important \_\_\_\_\_ in this chapter.
    - ii. Jane Goodall conducted \_\_\_\_\_ on the behavior of Chimpanzees.
    - iii. Scientists do research to gather \_\_\_\_\_ to test their ideas.
5. How many **key terms** are in chapter 1 ? \_\_\_\_\_

6. What are the scientists on page 3 doing with the panda?

\_\_\_\_\_

\_\_\_\_\_

7. “How to Read Science” page 4

a. What is the reading skill being discussed? \_\_\_\_\_

b. Complete the graphic organizer..

Section 2: The Study of Life		
Heading	Question	Answer
Branches of Life science		<i>These branches overlap.</i> <b>Molecular Biology</b> –study of cells _____ – study of how information is passed from parent to offspring <b>Ecology</b> – Organisms in their environment <b>Physiology</b> - _____ _____ _____

c. What are the key words in the heading in the first column? \_\_\_\_\_

d. The answer says that branches overlap. What does that mean? (skip over to pg 14 for an explanation.) \_\_\_\_\_

\_\_\_\_\_

**8. Standards Investigation**

a. If you tried the challenge on page 5 , what would be your goal?

\_\_\_\_\_

\_\_\_\_\_

9. What is the **title of section 1.1** \_\_\_\_\_

10. List the 9 **key terms** in section 1.1

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_
- f. \_\_\_\_\_
- g. \_\_\_\_\_
- h. \_\_\_\_\_
- i. \_\_\_\_\_

11. If you tried the **standards warm up** on page 6, What would you do after the unexpected event occurred? \_\_\_\_\_

\_\_\_\_\_

**12. A Green Key on page 7**

According to the green key what are 5 skills scientists use to learn more about the world and make scientific progress?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

**13. Figure 1 “Observing”**

a. How did Jane Goodall learn many things about chimpanzee behavior?

\_\_\_\_\_

b. What was one of Jane’s earliest discoveries?

\_\_\_\_\_

**14. Define the Highlighted words on pages 6 ,7, 8, and 9**

a. Science \_\_\_\_\_

b. Observing \_\_\_\_\_

c. Quantitative observation \_\_\_\_\_

d. Qualitative observation \_\_\_\_\_

e. Inferring \_\_\_\_\_

f. Predicting \_\_\_\_\_

**15. Figure 2 “Inferring”**

a. List 3 inferences you can make about the chimp.

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

**16. Figure 3 “Predicting”**

a. What do you think the chimp will do next? Make a prediction.

\_\_\_\_\_

**17. Math Analyzing Data**

- a. According to the graph, what foods do chimps eat? \_\_\_\_\_
- b. Did chimps feed more on seeds or leaves during this month? \_\_\_\_\_
- c. What percentage of the diet did blossoms, seeds, leaves, and fruit make up? \_\_\_\_%
- d. November is the main termite fishing season, when chimps spend a large part of their time eating termites. Predict how the percentages of food might change in November. \_\_\_\_\_

**18. Figure 4 “Classifying.”**

- a. How did Jane classify or group the information in her field notes concerning a chimp’s daily activities?
  - i. \_\_\_\_\_
  - ii. \_\_\_\_\_
  - iii. \_\_\_\_\_

**19. Figure 5 “Making Models”**

- a. What kind of model is shown in the figure? \_\_\_\_\_
- b. What is the total distance that Jomeo traveled between his morning and evening nests? \_\_\_\_\_

**20. Define the Highlighted words on pages 10, 11, and 12**

- a. Classifying \_\_\_\_\_
- b. Making Models \_\_\_\_\_
- c. Scale Model \_\_\_\_\_

**21. Figure 6 “Model of a Virus”**

- a. Why did scientists draw this model of an HIV virus? \_\_\_\_\_