

Name _____

Section 1: Science and Scientists

1. What are the first two steps in being a scientist?

SCIENCE STARTS WITH A QUESTION

2. What is science?

3. How could you perform science in your own neighborhood?

4. What are three different kinds of environments you might ask questions about?

INVESTIGATION: THE SEARCH FOR ANSWERS

Match the correct definition with the correct term. Write the letter in the space provided.

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|---|--------------------|
| _____ 5. using the senses to gather information | a. research |
| _____ 6. performing an activity to answer questions | b. experimentation |
| _____ 7. looking up information in books or on the Internet | c. observation |

WHY ASK WHY?

8. What are some life-saving discoveries made possible by scientific research?

9. What question led to the practice of recycling?

10. What are three reasons scientists have tried to reduce pollution?

Name _____

11. Why was it important for scientists to develop lightweight materials for cars?

SCIENTISTS ALL AROUND YOU

Match the correct definition with the correct term. Write the letter in the space provided.

- | | |
|--|----------------------------|
| _____ 12. a scientist who studies animals | a. engineer |
| _____ 13. a scientist who studies how humans interact with the environment | b. zoologist |
| _____ 14. a scientist who maps the surface of the Earth | c. science educator |
| _____ 15. a scientist who teaches others about science | d. cartographer |
| _____ 16. a scientist who puts scientific knowledge to practical use | e. environmental scientist |

17. What are three kinds of things that engineers might design?

18. Where are three places engineers might work?

19. Why may some animals become extinct?

20. Why is science education important for people?

