



Obtain and Communicate Information

abc Vocabulary

Use these words when explaining inherited traits.

inherit

trait

variation

dominant

recessive

Heredity

 Read pages 84–85 in the *Science Handbook*. Answer the following questions after you have finished reading.

1. What is heredity?

2. How does heredity affect an organism's behavior?

3. What did Gregor Mendel discover about each trait he studied?

FOLDABLES

Cut out the Notebook Foldables tabs given to you by your teacher. Glue the anchor tabs as shown below. Use what you have learned about inherited traits.

Glue anchor tab here.



Variation and Natural Selection

 Read pages 86–87 in the *Science Handbook*. Answer the following questions after you have finished reading.

Crosscutting Concept Cause and Effect

4. What is the difference between a variation and an adaptation?

5. Why are adaptations beneficial to an organism?

6. What factors affect natural selection?

Dominant and Recessive Traits

🔗 Explore the Digital Interactive on common dominant and recessive traits. Answer the questions after you have finished.

7. What is the difference between a dominant and recessive trait?

8. Do you have more dominant or recessive traits? Explain your answer.

Science and Engineering Practices

Think about how you have analyzed data about inherited traits. Tell how you can use data as evidence by completing the “I can . . .” statement below.

I can _____

Use examples from the lesson to explain what you can do!

