



Inherited Traits and Learned Behaviors

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. Grade 3: A bean plant has inherited tall genes but grows short in poor soil. Which is true?

- A) Height is inherited but also changed by environment.
- B) Height is inherited and never changes at all.
- C) Height depends only on soil, not on parents.
- D) Height is a fully learned behavior from the plant.

2. Grade 3: Two siblings inherit tall genes, but one eats better and grows taller. Which statement fits?

- A) Height is inherited and shaped by nutrition.
- B) Height is only a learned behavior from parents.
- C) Height depends only on inherited genes always.
- D) Food has no effect on inherited human height.

3. Grade 3: A child inherits a good singing voice but improves greatly with lessons. Which choice is correct?

- A) Singing is inherited and improved by learning.
- B) Singing is only a learned behavior with no genes.
- C) Singing is fully inherited and never needs practice.
- D) Singing has nothing to do with inherited traits.

4. Grade 3: A flower plant inherits red petal color but looks pale in low sunlight. Which is true?

- A) Color is inherited but brightness shifts with sunlight.
- B) Color is only shaped by sunlight, not genes.
- C) Color is a learned behavior the plant practices.
- D) Color cannot change for any environmental reason.

Part B: Fill in the Blank

Write the correct answer on each line.

1. Plant growth patterns are _____ but can be changed by water and sunlight.

2. Human _____ is partly inherited from parents and partly shaped by nutrition.

3. Singing ability uses inherited voice and learned _____ from practice.

4. A trait influenced by both genes and surroundings has _____ causes.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. Plant growth patterns are inherited but can be changed by water and sunlight.
2. Human height is partly inherited from parents and partly shaped by nutrition.
3. Singing ability uses inherited voice and learned skill from practice.
4. A trait influenced by both genes and surroundings has multiple causes.