



# Inherited Traits and Learned Behaviors

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 3

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A plant that gets more \_\_\_\_\_ often grows taller than one kept in shade.
2. Two bean plants from the same parent can have different \_\_\_\_\_ based on water.
3. Human skin can get \_\_\_\_\_ after many hours in strong summer sun.
4. A \_\_\_\_\_ changes its skin color to match leaves, branches, or rocks.
5. Inherited eye \_\_\_\_\_ does not change even if a child moves to a new place.
6. A tomato plant given little water produces \_\_\_\_\_ fruit than one watered well.
7. A puppy's \_\_\_\_\_ length is inherited, but its weight depends on food and exercise.
8. Scientists call differences within one \_\_\_\_\_ variation, like tall and short pea plants.
9. Environment and \_\_\_\_\_ traits together decide how a living thing finally looks.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Grade 3 trait: tall sunflower in full sun	→ _____	environment shapes plant height
Grade 3 trait: chameleon turning green	→ _____	environment shifts skin color
Grade 3 trait: child's inherited eye color	→ _____	inherited from parents only
Grade 3 trait: tanned skin after summer	→ _____	environment darkens human skin

## Answer Key · Inherited Traits and Learned Behaviors · Grade: Grade 3

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. A plant that gets more sunlight often grows taller than one kept in shade.
2. Two bean plants from the same parent can have different heights based on water.
3. Human skin can get darker after many hours in strong summer sun.
4. A chameleon changes its skin color to match leaves, branches, or rocks.
5. Inherited eye color does not change even if a child moves to a new place.
6. A tomato plant given little water produces smaller fruit than one watered well.
7. A puppy's fur length is inherited, but its weight depends on food and exercise.
8. Scientists call differences within one species variation, like tall and short pea plants.
9. Environment and inherited traits together decide how a living thing finally looks.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Grade 3 trait: tall sunflower in full sun	→ <u>environment shapes plant height</u>	environment shapes plant height
Grade 3 trait: chameleon turning green	→ <u>environment shifts skin color</u>	environment shifts skin color
Grade 3 trait: child's inherited eye color	→ <u>inherited from parents only</u>	inherited from parents only
Grade 3 trait: tanned skin after summer	→ <u>environment darkens human skin</u>	environment darkens human skin