



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. Mom has brown eyes and Dad has blue eyes; a child may have _____ color.
2. Offspring receive inherited _____ from both mother and father parents.
3. When traits vary across siblings, scientists call this inherited _____.
4. Puppies in one litter can have different _____ colors inherited from each parent.
5. A new _____ of plants or animals is called offspring or the next generation.
6. Dogs are one _____ with strong variation in size, color, and ear shape.
7. If both parent rabbits have black fur, offspring most often inherit _____ fur.
8. Tall pea plants crossed with short ones can produce _____ sizes in offspring.
9. Inherited traits move from parent to _____ through seeds, eggs, or birth.

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 pair: brown-eye mom +
blue-eye dad

→ _____

child may have brown or blue
eyes

Grade 3 pair: two tall pea plant
parents

→ _____

offspring often tall like parents

Grade 3 pair: black lab + yellow
lab

→ _____

puppies can be black or yellow

Grade 3 pair: curly-hair mom +
straight-hair dad

→ _____

child may have curly or straight
hair

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

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Mom has brown eyes and Dad has blue eyes; a child may have either color.
2. Offspring receive inherited traits from both mother and father parents.
3. When traits vary across siblings, scientists call this inherited variation.
4. Puppies in one litter can have different coat colors inherited from each parent.
5. A new generation of plants or animals is called offspring or the next generation.
6. Dogs are one species with strong variation in size, color, and ear shape.
7. If both parent rabbits have black fur, offspring most often inherit black fur.
8. Tall pea plants crossed with short ones can produce different sizes in offspring.
9. Inherited traits move from parent to offspring through seeds, eggs, or birth.

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 pair: brown-eye mom + blue-eye dad	→ <u>child may have brown or blue eyes</u>	child may have brown or blue eyes
Grade 3 pair: two tall pea plant parents	→ <u>offspring often tall like parents</u>	offspring often tall like parents
Grade 3 pair: black lab + yellow lab	→ <u>puppies can be black or yellow</u>	puppies can be black or yellow
Grade 3 pair: curly-hair mom + straight-hair dad	→ <u>child may have curly or straight hair</u>	child may have curly or straight hair