

Learning Target: I can identify and explain the differences between inherited and acquired physical traits.

Inherited vs. Acquired Physical Traits Video Notes



1. Why don't the bodybuilder, his twin brother, and his son look alike in their physical body structure? _____

2. What do the bodybuilder, his twin brother, and his son have in common? _____

Inherited Traits

3. Traits are _____, features or other things that _____ an organism.

What are some examples of inherited traits? _____

Where do inherited traits come from? _____

4. Inherited traits are _____ that animals _____ down to their _____ from generation to generation. A trait may seem to _____ a generation or even two or three generations, but if a trait shows up it must have been _____ in an _____ from the past.

5. What physical traits do my son and I have in common? _____

What physical traits are different about my son and I? _____

6. However, _____ are the exception to this rule because they can impact _____ and disrupt the successful _____ of inherited traits.

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7. What are some inherited traits of plants and animals? _____

Quick Check for Understanding! Take 1 minute to think, pair, and share with a classmate beside you.

Name two traits that you have inherited from your parents. _____

Acquired Traits

8. _____ traits are traits that animals _____ during their lifetime. Animals are _____ with these traits! Acquired traits can be both physical and _____ or _____ as an animal develops during its lifetime. These acquired traits _____ be passed on genetically.

9. Can the bodybuilder's son inherit his large muscular physique? _____ Explain why or why not. _____

10. What are some examples of acquired traits? _____

11. What is the difference between acquired and inherited traits? _____

Quick Checks for Understanding! Pause the video and take 4 minutes to complete. You got this!

Identify the following examples as either inherited or acquired traits and explain your reasoning for each answer.

1. Hunting for prey = _____ Explain why. _____

2. A wolf chasing a rabbit = _____ Explain why. _____

3. Tying a neck tie = _____ Explain why. _____

4. Bear protecting young = _____ Explain why. _____

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