



Evolution & Inheritance

Silver

These Silver questions extend evolution and inheritance to comparing adaptations and explaining variation.

Name: _____ Date: _____

Section A: Variation & Inheritance

1. Explain why offspring are similar to their parents but not identical.

2. Give two examples of variation you might see between people in the same family.

3. Why might two puppies from the same litter look different from each other?

4. Explain the difference between an inherited trait and an environmental influence, using an example.

5. Why is variation within a species generally a good thing for survival?

Section B: Adaptation & Evolution

1. Explain how a polar bear's white fur is an adaptation to its environment.

2. Why might a change in environment cause a species to adapt over many generations?

3. Explain, in simple terms, what "survival of the fittest" means.

4. Give an example of an adaptation that helps an animal find food.

5. Why do fossils help scientists understand how species have changed over time?

