



Science Toolkit: Grade 4 Objective 3.C.1.b

Student Handout: Science: Grade 4 Objective 3.C.1.b

Standard 3.0 Life Science

Topic C. Genetics

Indicator 1. Explain that in order for offspring to resemble their parents, there must be a reliable way to transfer information from one generation to the next.

Objective b. Explain that some likenesses between parents and offspring are inherited (such as eye color in humans, nest building in birds, or flower color in plants) and other likenesses are learned (such as language in humans)

Selected Response (SR) Item

Question

Eye color is a physical trait.

Which statement best explains why a child has a specific eye color?

- A. Eye color is a learned trait.
- B. Eye color is an inherited trait.
- C. Eye color is a trait that changes over time.
- D. Eye color is a trait that happens by chance.

Correct Answer

B. Eye color is an inherited trait.

Question

Eye color is a physical trait.

Which statement best explains why a child has a specific eye color?

- A. Eye color is a learned trait.
- B. Eye color is an inherited trait.
- C. Eye color is a trait that changes over time.
- D. Eye color is a trait that happens by chance.