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Crash Course BIOLOGY (2012 SERIES) 40 Episode Series Bundle

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ALL 40 Episodes with Answer
Keys and Direct Video Link

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Crash Course Biology (2012) #14: Natural Selection

Name: _____ Date: _____

You can access the video here → https://youtu.be/sThyFbsC_Mxi?list=PLA1GDD4e0t9dJ

1. In this episode, _____ is described as the most powerful cause of evolutionary change.
2. Traits that enhance survival and reproduction are called _____.
3. An organism's relative ability to survive and produce offspring defines its _____.
4. Hair color, beak shape, and birth weight are examples of observable _____.
5. For selection to work, many variations must be _____ and passed to offspring.
6. Because populations can produce more young than resources allow, individuals face a _____ for existence.
7. _____ selection occurs when a single extreme phenotype is favored.
8. In _____ selection, the average phenotype is favored over extremes.
9. _____ selection favors both extremes while selecting against intermediates.
10. Traits that improve mating success result from _____ selection.
11. Human-directed breeding of plants and animals is _____ selection.
12. Random changes in how frequently some alleles show up are called _____.
13. New genetic variants often arise through _____.
14. Movement of individuals can alter a population's genes through _____.
15. Evolutionary change reflects shifts in a population's underlying _____, not just its appearance.

Crash Course Biology (2012) #14: Natural Selection - KEY

1. In this episode, **natural selection** is described as the most powerful cause of evolutionary change.
2. Traits that enhance survival and reproduction are called **adaptations**.
3. An organism's relative ability to survive and produce offspring defines its **fitness**.
4. Hair color, beak shape, and birth weight are examples of observable **phenotypes**.
5. For selection to work, many variations must be **heritable** and passed to offspring.
6. Because populations can produce more young than resources allow, individuals face a **struggle** for existence.
7. **Directional** selection occurs when a single extreme phenotype is favored.
8. In **stabilizing** selection, the average phenotype is favored over extremes.
9. **Disruptive** selection favors both extremes while selecting against intermediates.
10. Traits that improve mating success result from **sexual** selection.
11. Human-directed breeding of plants and animals is **artificial** selection.
12. Random changes in how frequently some alleles show up are called **genetic drift**.
13. New genetic variants often arise through **mutation**.
14. Movement of individuals can alter a population's genes through **migration**.
15. Evolutionary change reflects shifts in a population's underlying **genotype**, not just its appearance.

15 Questions

Answer Key Included

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★★★★★ **Extremely satisfied** "This bundle will be a great investment for extending learning and challenging my 7th grade classes!"

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★★★★★ **Extremely satisfied** "This is a great lifesaver for easy sub plans and quick reviews."

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