

2023–2024 Gr3 Science Benchmark #2

Answer Key

Question 1. C – 1 Point

Standards

3-LS1-1

Develop models to describe that organisms have unique and diverse life cycles, but all have in common birth, growth, reproduction, and death.

Question 2. D – 1 Point

Standards

3-LS1-1

Develop models to describe that organisms have unique and diverse life cycles, but all have in common birth, growth, reproduction, and death.

Question 3. A – 1 Point

Standards

3-LS1-1

Develop models to describe that organisms have unique and diverse life cycles, but all have in common birth, growth, reproduction, and death.

Question 4. C – 1 Point

Standards

3-LS3-1

Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.

Question 5. B – 1 Point

Standards

3-LS3-1

Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.

Question 6. A – 1 Point

Standards

3-LS3-2

Use evidence to support the explanation that traits can be influenced by the environment.

Question 7. D – 1 Point

Standards

3-LS3-2

Use evidence to support the explanation that traits can be influenced by the environment.

Question 8. A – 1 Point

Standards

3-LS4-2

Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.

Question 9. C – 1 Point

Standards

3-LS4-2

Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.

Question 10. B – 1 Point

Standards

3-LS3-2

Use evidence to support the explanation that traits can be influenced by the environment.

Question 11. D – 1 Point

Standards

3-LS4-2

Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.

Question 12.

Response 1: 0 – 1 Point

Response 2: 0 – 4 Points

Response 3: 0 – 2 Points

Standards

3-LS3-1

Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.

Question 13. 0 – 2 Points

Standards

3-LS4-2

Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.