2023–2024 Gr3 Science Benchmark #1

Answer Key

Question 1.

Response 1: B – 1 Point Response 2: A – 1 Point Response 3: A – 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 2. A - 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 3. A - 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 4.

Response 1: A – 1 Point Response 2: B – 1 Point Response 3: A – 1 Point Response 4: A – 1 Point Response 5: B – 1 Point Response 6: B – 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 5. B - 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 6. A - 1 Point

Standards

3-PS2-2

Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.

Question 7. B - 1 Point

Standards

3-PS2-1

Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

Question 8. B - 1 Point

Standards

3-PS2-3

Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.

Question 9. B - 1 Point

Standards

3-PS2-3

Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.

Question 10. C - 1 Point

Standards

3-PS2-3

Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.

Question 11. A - 1 Point

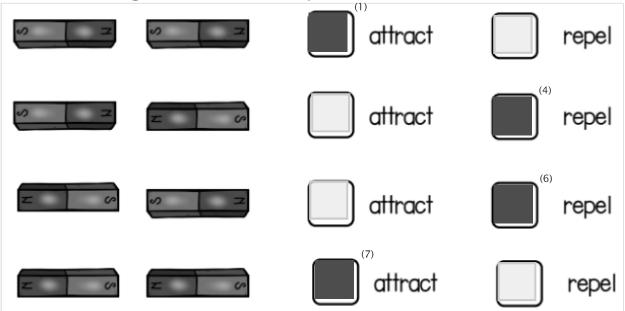
Standards

3-PS2-2

Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.

Question 12.

Will these magnets attract or repel? Choose.



• (4) – 1 Point | (6) – 1 Point | (7) – 1 Point | (1) – 1 Point

Standards

3-PS2-3

Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.