

G3 Science Reviewer Part 3 and 4

Part 3: Identification

Direction: For numbers 1-20, identify whether the phrase is a physical or chemical change. Click the box with the arrow and select the answer.

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| _____ 1. Heating sugar to form caramel | _____ 11. Fireworks |
| _____ 2. Burning plastic | _____ 12. Rotting banana |
| _____ 3. Breaking a pencil | _____ 13. Breaking a wall |
| _____ 4. Tearing of notebook | _____ 14. Chopping woods |
| _____ 5. Baking cookies | _____ 15. Mixed vegetables |
| _____ 6. Cooking an egg | _____ 16. Painting an object |
| _____ 7. Burning paper | _____ 17. Water freezes |
| _____ 8. Melting an ice cream | _____ 18. Cutting the paper |
| _____ 9. Boiling water | _____ 19. Banana ripens |
| _____ 10. Rusting of iron | _____ 20. Crushing a can |

Direction: For numbers 21 -40, identify whether the phrase is a kinetic or potential energy. Click the box with the arrow down and select the answer.

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|---|---|
| _____ 21. Someone climbing a tree | _____ 33. A fish swimming |
| _____ 22. A yoyo before it released | _____ 34. Planets orbiting the sun |
| _____ 23. An apple before it falls | _____ 35. A book on a table before it falls |
| _____ 24. leaves falling from the tree | _____ 36. The ball rolling on the floor |
| _____ 25. A child jumping on a bed | _____ 37. Students exercising |
| _____ 26. Someone jump-roping | _____ 38. Men boxing |
| _____ 27. A car moving along the road | _____ 39. A pencil on the table |
| _____ 28. A child at the top of the slide | _____ 40. The ball on the table |
| _____ 29. A stretched rubber band | |
| _____ 30. A car that is parked at the top of the hill | |
| _____ 31. A child throwing a ball | |
| _____ 32. A boy riding the scooter | |

Part 4: Matching Type

Direction: For numbers 1 -10, match the definition to its corresponding word. Type the letter of the correct answer in the box before the number.

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|--|---------------------|
| _____ 1. A tool used to measure temperature | A. Magnetic Force |
| _____ 2. A dark space that forms when light is blocked | B. Heat |
| _____ 3. It is used to open and close a circuit | C. Force |
| _____ 4. Two or more simple machines put together | D. Machine |
| _____ 5. When one object rubs against another | E. Temperature |
| _____ 6. Two magnets attract and repel | F. Thermometer |
| _____ 7. The flow of energy between two objects | G. Shadow |
| _____ 8. A push or a pull | H. Switch |
| _____ 9. Something that makes work easier | I. Compound Machine |
| _____ 10. A measure of how hot or cold something is | J. Friction |

Direction: For numbers 11 – 20, match the simple machine to its corresponding type. Type the letter of the correct answer in the box before the number.

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|---|---|-------------------|
| _____ 11.  | _____ 16.  | A. pulley |
| _____ 12.  | _____ 17.  | B. wedge |
| _____ 13.  | _____ 18.  | C. lever |
| _____ 14.  | _____ 19.  | D. screw |
| _____ 15.  | _____ 20.  | E. inclined plane |
| | | F. wheel and axle |