

## 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.

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

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

_____ 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.

_____ 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