

1. **potential energy-**

2. **kinetic energy-**

3. **physical change-**

4. **chemical change-**

5. **heat energy transfer-**

6. **conduction-**

7. **convection-**

8. **radiation-**

9. Two examples of **potential** energy-

10. Two examples of **kinetic** energy-

11. In the ramp experiment, where was the **potential** energy demonstrated?

12. In the ramp experiment, where was the **kinetic** energy demonstrated?

13. When you made the rollercoaster, where were the points of potential energy and kinetic energy best exemplified? Where did you label **P** or **K**?

14. Two examples of **physical change-**

15. Two examples of **chemical change**-

16. During the vinegar/baking soda experiment, how did you know there was a **chemical change**?

17. In general, how does heat energy transfer? From _____ energy to _____ energy. In other words, heat likes to share all its energy with the cooler/less fortunate items.

18. Two examples of **conduction**-

19. Two examples of **convection**-

20. Two examples of **radiation**-

21. What are the **States of Matter**?

22. What is the motion of molecules for a Solid, Liquid, Gas, Plasma?

23. Why did we use a “closed system” when we checked the mass of the melted ice cube? We will do this!

24. List the types of energy that is associated with the sun.

Extra credit:-

Parent Signature _____ . My child studied for this test for _____ minutes.