Physical and Chemical Changes Notes

Activating Strategy: Record your observations and the differences between the two methods of changing a sheet of paper.

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1. A physical change is ____________________________________________________.

2. The identity of a substance in a physical change ________________________________.

3. In a physical change, no new _______________________________________________.

4. Physical changes are more easily ________________________.

5. Explain how a piece of silver and a silver necklace can illustrate a physical change.

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6. Examples of physical changes: _______________________________________________

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Distributed Summarizing: Identify and describe a physical change that you have made or observed in the past few days.

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7. A chemical change happens when ____________________________________________

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8. Most chemical changes are __________________________________, but some chemical changes can be reversed by _____________________________.

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9. Describe the difference between a chemical property and a chemical change. 

10. Identify the clues of a chemical change. 

11. Why should more than one clue be used to determine if a substance has gone through a chemical change? 

12. Substances before a chemical change are ______________. After a chemical change the new substances formed are ______________. The ______________ cannot go back to its original ______________.

13. Describe how baking a cake illustrates a chemical change. 

14. Examples of a chemical change: 

15. When matter undergoes change, it always involves ________________________.

16. Whether the change is physical or chemical, the ________________________ even though ________________________.