| **Physical and Chemical Changes** | |
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| **Complete the activities in this order.** | **As you do the activities, answer these questions.**  Type your answers in a different color. |
| **Watch and Listen** |  |
| <https://www.youtube.com/watch?v=x49BtB5dOwg> | 1. What is a physical change?   SOmething that changes the physical properties of an object.   1. What is an example of a physical change? Glass breaking. 2. How can water be an example of a physical change?   Water can freeze into ice.   1. What are three indicators of a chemical change? 2. Can a chemical change be undone?   No   1. What is a chemical change?   When you have a mixture and you add heat.   1. What is one example of a chemical change?   When you bake cookies.   1. What are 4 facts about chemical changes? 2. What are 4 facts about physical changes?   You can undo it, |
| **Read** |  |
| Click the image to access the link    I  <http://www.chem4kids.com/files/matter_chemphys.html> | 1. What are physical changes usually about? 2. What interacts to cause chemical changes? 3. Is crushing a can a physical or chemical change? Why? 4. Is burning a sugar cube a physical or chemical change? Why? 5. How is iron rusting a chemical change? |
| **Watch** |  |
|  | 1. What are five indicators of a chemical change?Fizzing,Odor,Temperature,Color,Precipitate. 2. How does fizzing (producing a gas) occur? Fizzing is caused when gas is released. 3. What are two examples of a chemical change producing an odor? 4. What is an example of a chemical reaction causing a color change? 5. What is an example of a chemical change when the temperature increases? 6. What is an example of a chemical change when the temperature decreases? 7. What is a precipitate?   A precipitate is an insoluble solid emergys from a liquid solution. |
| **Identify As A Physical or Chemical Change** | |
| **QUESTION ANSWER and WHY** | |
| Glass Breaking | **Physical change because it's forming a different shape.** |
| Snowman Melting |  |
| Cake Baking | **Chemical change because you can't undo it.** |
| Volcano Exploding | **Chemical change.** |
| Food Digesting | **Physical change?** |
| A haircut | **Physical change.** |
| **Finish Early?** | |
| Use the link to the right to review physical and chemical changes. | <https://quizlet.com/433224942/match> |