| **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?   Physical change is something that changes the physical properties of an object or substance   1. What is an example of a physical change? An example of physical change is like cutting a piece of cloth 2. How can water be an example of a physical change? When ice melts it becomes water. 3. What are three indicators of a chemical change? Color change,change of temperature,and evolution of gas 4. Can a chemical change be undone?No because it could not be undone 5. What is a chemical change? Chemical change is something that occurs when the particles of two or more substance. 6. What is one example of a chemical change? When you wood it turns into something like ash 7. What are 4 facts about chemical changes? When you bake a cake or cupcake,when you burn wood,when fireworks explode, medal rusting, and digesting foods. 8. What are 4 facts about physical changes? 1.does not form a new substance.2.may change the shape or size.3.may change the state of matter.4.can often be undone. |
| **Read** |  |
| Click the image to access the link    I  <http://www.chem4kids.com/files/matter_chemphys.html> | 1. What are physical changes usually about? Physical changes are usually about physical states of matter. 2. What interacts to cause chemical changes? Chemical changes when atomic bonds are broken or created during chemical reaction. 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? 2. How does fizzing (producing a gas) occur? 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? |
| **Identify As A Physical or Chemical Change** | |
| **QUESTION ANSWER and WHY** | |
| Glass Breaking |  |
| Snowman Melting |  |
| Cake Baking |  |
| Volcano Exploding |  |
| Food Digesting |  |
| A haircut |  |
| **Finish Early?** | |
| Use the link to the right to review physical and chemical changes. | <https://quizlet.com/433224942/match> |