| **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?

No1. 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 linkI<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?
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| **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> |