| **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** |  |
| [Physical and Chemical Changes: Chemistry for Kids - FreeSchool](https://www.youtube.com/watch?v=x49BtB5dOwg) | 1. What is a physical change?

Something that changes the physical properties of a substance -size-shape, or form.1. What is an example of a physical change? Making a shirt because they are changing the size of the shirt when making it.
2. How can water be an example of a physical change? Water is a good example because the changes can be undone and it will always go back to its original form
3. What are three indicators of a chemical change? Heat,the release of gas and color change
4. Can a chemical change be undone?

 No a chemical change can not be undone1. What is a chemical change?

A reaction that rearranges the particles of two or more substances to create at least one new substance1. What is one example of a chemical change?

When burning wood is is transformed into a new substance called ash1. What are 4 facts about chemical changes?

Change of color,releases of gas,smoke and products odor1. What are 4 facts about physical changes?

1.do not form a new substance2.may change shape or size 3.may change state of matter 4.can often be undone |
| **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?
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?
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| **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> |