

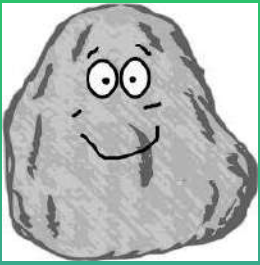
Powerful Physical and Creepy Chemical Changes

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Mighty Mixtures vs. Exciting Compounds

There are many mixtures and compounds all around us. Mixtures and compounds are different because Compounds are produced by chemically combining substances. Mixtures are physical combined. Another reason mixtures and compounds are different is because, in mixtures the parts are simply blended with out forming new substances. On the other hand a compound has different properties from the substances it contains. There are many reasons mixtures and compounds are different. Why don't you do some research your self.





Homogeneous vs. Heterogeneous

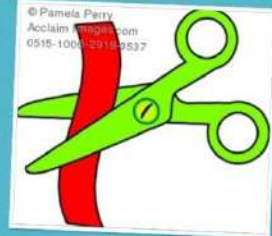


Homogeneous and Heterogeneous mixtures are different because homogeneous mixtures are mixtures that are blended completely and look the same everywhere. Heterogeneous mixtures are mixtures that settle into layers unlike homogeneous mixtures. Also heterogeneous mixtures and homogeneous mixtures are different because homogeneous mixtures can be easily mixed and heterogeneous mixtures can't be mixed easily. I think that Homogeneous and Heterogeneous mixtures are awesome!!

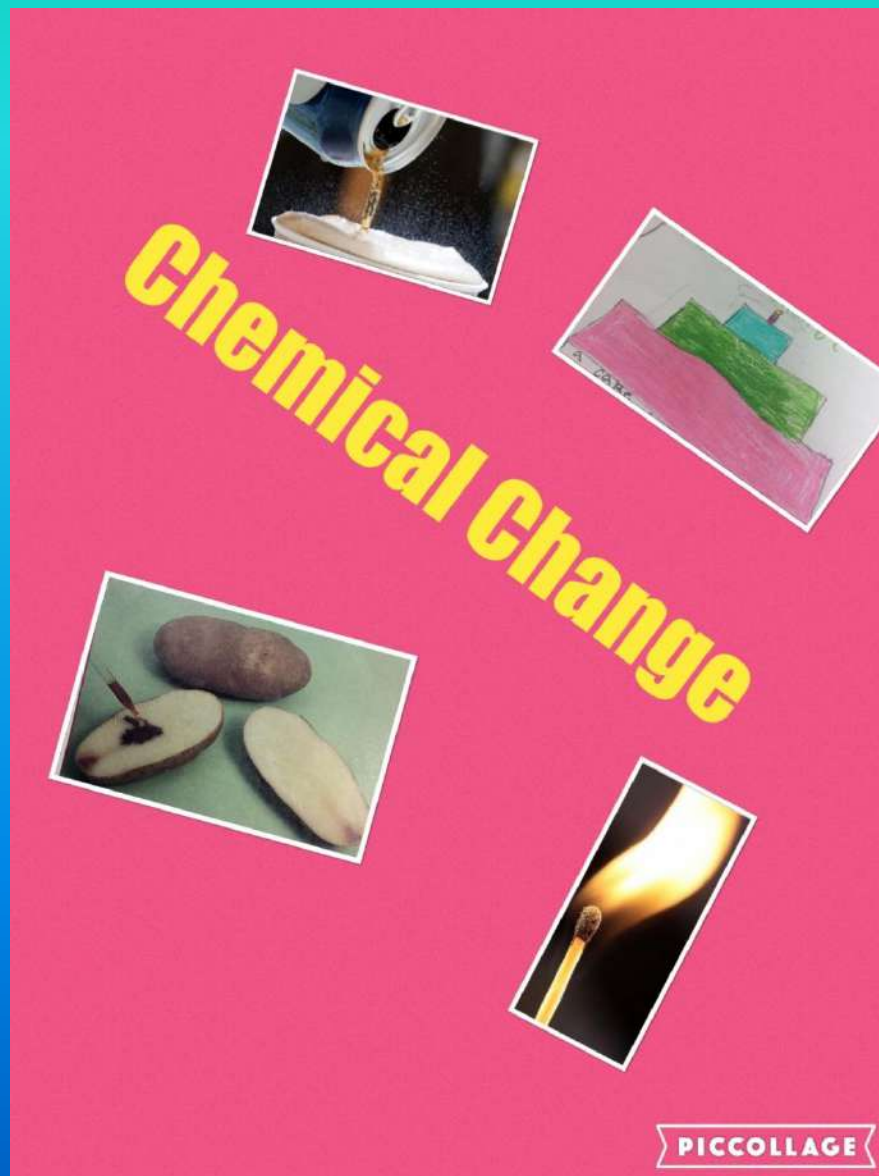
Physical Change Pic-Collage



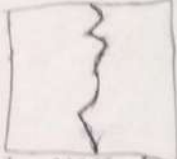

Physical Change



Chemical Change Pic-Collage



Chemical vs. Physical Change

Physical Change	Chemical Change
<p>A physical change is a change in size, shape, or state without forming a new substance.</p> <p>You know it is a physical change when there is a</p> <ul style="list-style-type: none">♥ change in shape♥ change in size♥ change in state  <p>Ripping a paper is a physical change because its size and shape stays the same but it changes in shape.</p>	<p>A chemical change is a change in matter that produces a new substance with different properties from the original.</p> <p>You know it is a chemical change when there is a</p> <ul style="list-style-type: none">♥ formation of gas♥ formation of light or heat♥ color change  <p>Baking a cake is a chemical change because it forms a new substance. Also you can't unbake it.</p>

Why does this matter?

This matters because Matter is all around us, and we use matter all the time. This is also important because lot of jobs use matter. Matter is also important because Matter is everything in the world. Matter is so important because we use matter ever day in school and at home. Matter is so important to are world.

References

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(2006) *Science*. New York:Macmillan/McGraw-Hill.