



# Lets Get Physical and Chemical

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# Magical Mixtures vs. Chemical Compounds

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*Two or more materials are physically combined is a result of a mixture. An example of a mixture is a trail mix because you can take it out and put it back in. A compound is something that is chemically combined. An example of compound is water you can't take the particles out or put back in. Some differences in physical and chemical properties of a new substance are used to separate mixture and the opposite for compound.*

# Homogeneous vs. Heterogeneous

A homogeneous you can't see the particles and ingredients. Some examples are milk, and coffee. In a heterogeneous you can see the particles. Examples of an heterogeneous is a rock, and a crayons. Hey are different because homogeneous is the completely opposite of heterogeneous.



# Chemical vs. Physical Change

Chemical Change	Physical Change
<p>Chemical Change is when atoms are linked together in new substances.</p> <p>In a chemical change the color changes and makes a new substance, and can not be separated.</p>	<p>1 Physical change occurs when matter changes its size, shape or state without changing the substance.</p> <p>2 A physical change the size, shape, and state could change but the identity stays the same.</p>

# Chemical Change Pic-Collage

Chemical changes



# Physical Change Pic-Collage



*Physical Change*



# Why it this Matter

IT MATTER BECAUSE MOSTLY EVERYTHING IS MADE OUT OF MATTER. SOME THING ARE RIGHT BESIDE YOU. YOU SIT, WRITE, AND CLIMB ARE ALL SOLIDS. SOME LIQUIDS ALLOW YOU TO SWIM, AND DRINK. WHAT YOU BREATHE, AND SMELL IS ALL GAS. ALL OF THIS PROPERTIES YOU NOTICE ARE IN YOUR ROOM, KITCHEN, AND SCHOOL.

# References

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