Coocoo Chemical and Freaky Physical

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Homogeneous vs. Heterogeneous

A homogeneous mixture is when you mix something and you can NOT see the pieces or ingredients. (solution!)A heterogeneous is mixture is when you can see the pieces or ingredients.

These are some examples of a Homogeneous mixture, (Kool-Aid, Milk, lotion, and Hand sanitizer) These are some examples of a Heterogeneous mixture,(Kool-Aid, oil and water together in a cup, trail mix, and lotion!)

Mixture vs. Compound

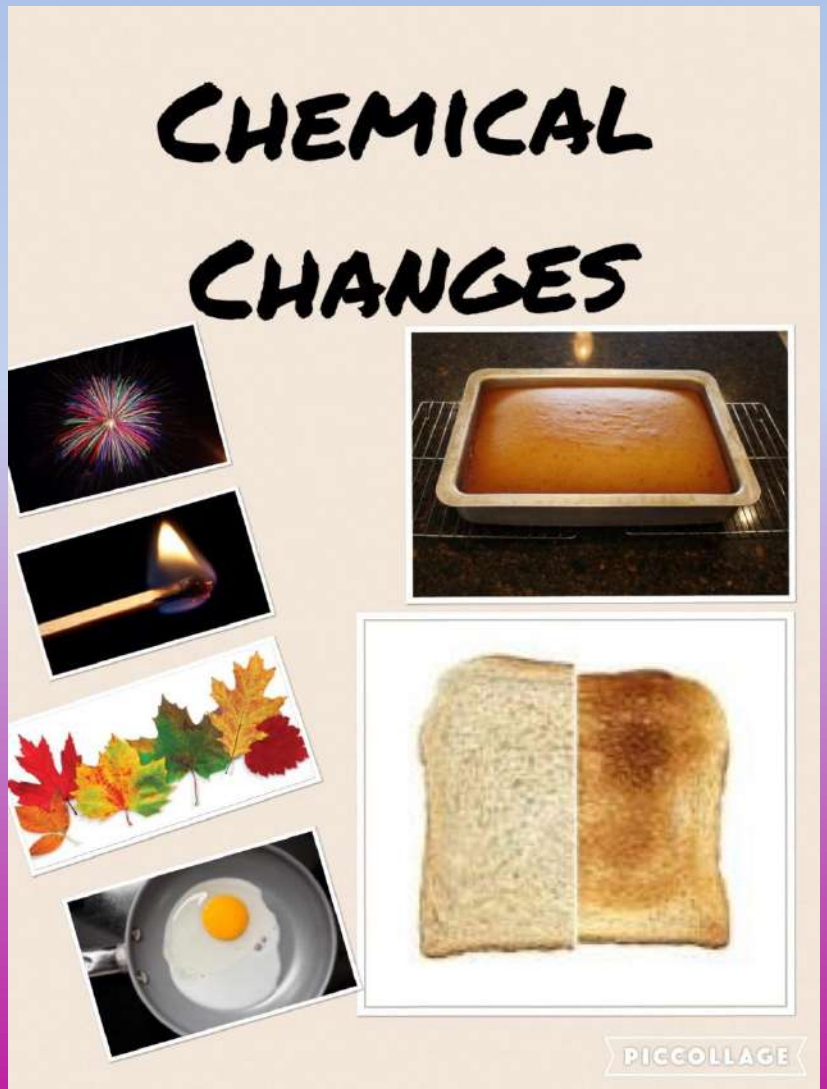
A mixture is a substance made by mixing other Substances.

A Compound is composed by two or more seperate elements

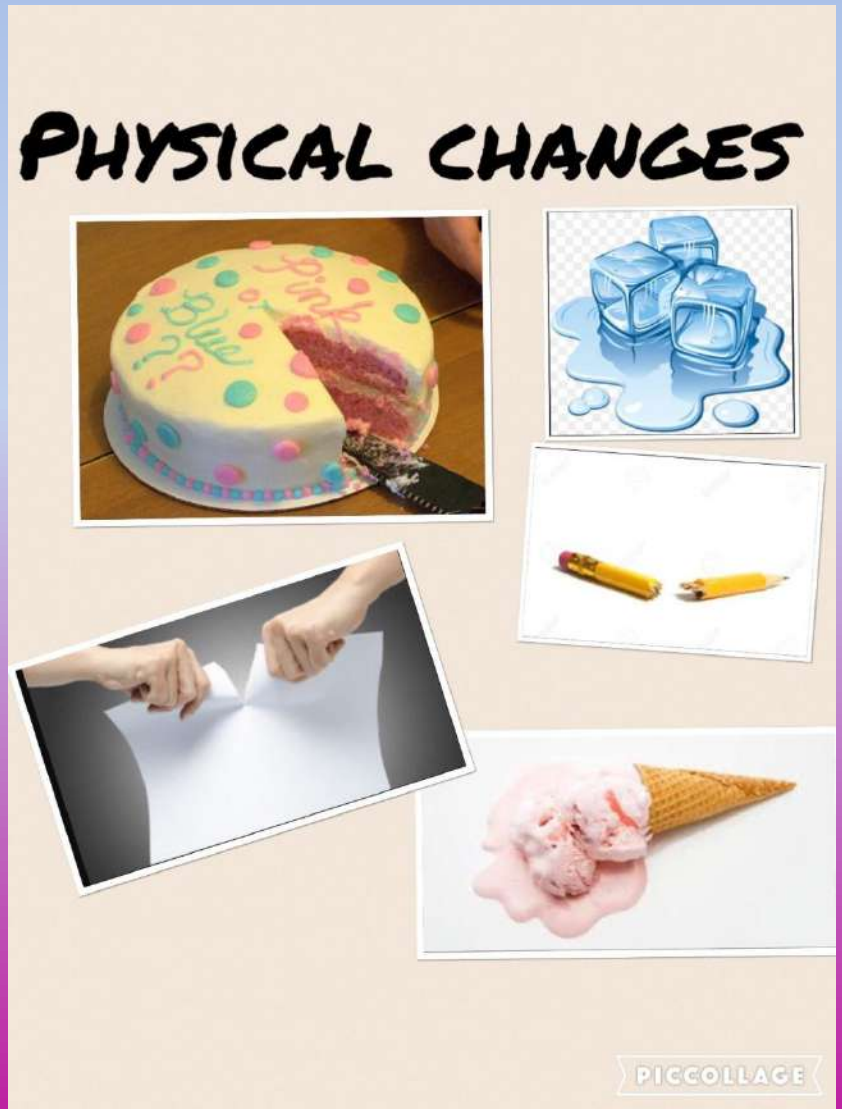
A mixture can be either Heterogeneous or Homogeneous, here are some examples of a mixture. (milk, juice, water and oil , lotion and trail mix.)

Chemical vs. Physical Change

Chemical Change Pic-Collage



Physical Change Pic-Collage



Why does this matter?

It matters because we use the different properties every single day of our lives. Such as using electricity. Playing your favorite song on a CD. Or even Baking a cake!

References

Daniel, L., Hackett, J., Moyer, R., & Vasquez, J. (2006) *Science*. New

York: Macmillan/McGraw-Hill

Mixtures Facts