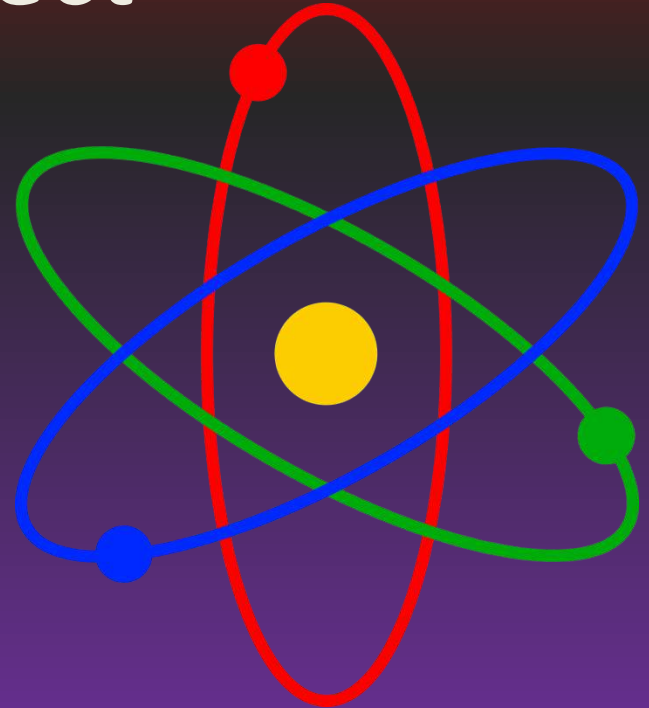


Science Project

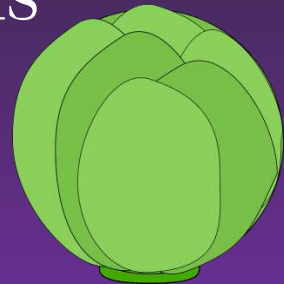
By: Isaiah Dungca





Mixture vs Compound

- Mixtures and compounds are different. Here are some ways they are different. A mixture is when two materials are physically combined. Also a mixture doesn't form a new substance. A compound is the chemical combination of two or more elements. Compounds form new substances. An example of a compound is water. An example of a mixture is salad.



Homogeneous vs. Heterogeneous

- A homogeneous and a heterogeneous are different in many ways. Here are some differences. Homogeneous mixtures are completely blended. Also another name for homogeneous is a solution. A heterogeneous is partly blended, and it settles into layers. An example of homogeneous is salt in water. An example if heterogeneous is a rock.



Chemical vs. Physical Change

Physical Change

Physical changes are changes affecting the form of a chemical substance, but not its chemical composition.

1. change in size
2. Change in state
3. change in shape

Signs of a physical change

Chemical Change

A chemical change is a change that results in a new chemical substance.

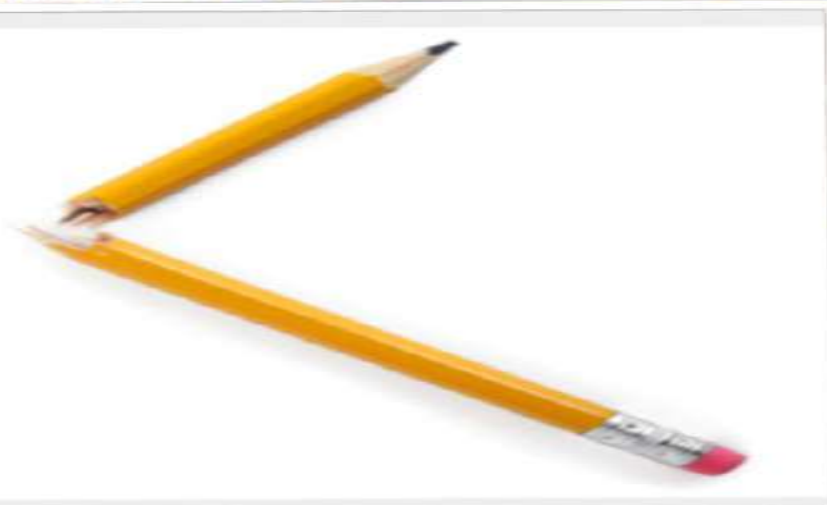
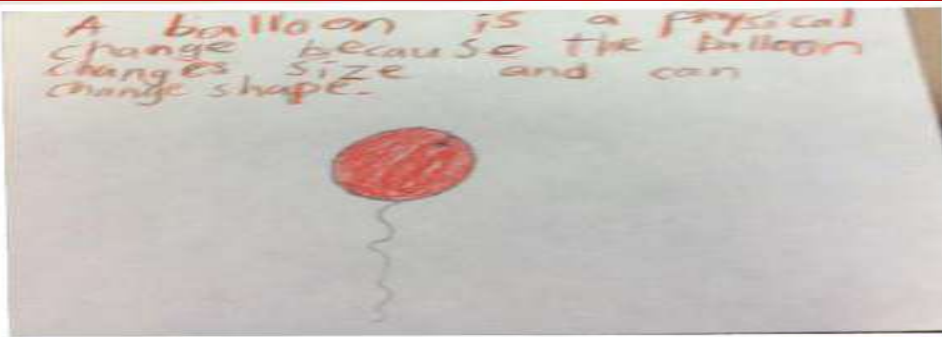
Signs of a chemical change

1. Change in color
2. Formation of gas
3. Formation of heat
4. Formation of light

Chemical Change Pic-Collage



Physical Change Pic-Collage



Science MATTERS!!!!!!

- Mixtures and compounds MATTER!! The reason they matter is because if they weren't discovered mixtures and compounds wouldn't be a thing. Jobs that use mixtures and compounds are scientists because they can use chemicals to make new chemicals. Another job that uses science are doctors because they use chemicals to help people with diseases. Science is very important!!!!!!!!!!!!

References

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