

Aesthetic Entry:
“What Matters is Matter”

*Chemical Reactions...
Give me the acid, now add the base...
Neutralizing effect...*



Objectives:

- observe and describe properties of materials, such as density, conductivity, and solubility
- distinguish between chemical and physical changes
- develop your own mental models to explain common chemical reactions and changes in states of matter.

Purpose:

To introduce and reinforce your concepts of matter such as its properties and changes of states by employing the senses as touch, sight, and hearing in creating song, skit, poem, haiku, or nature.

Task At Hand:

- You will visit the following websites for information on matter that will help you in the following activities.
 - www.brainpop.com and view the following videos:
 - “Matter Changing States
 - “Measuring Matter”
 - “Compounds & Mixtures”
 - http://www.chem4kids.com/files/matter_states.html
- Please download the following lab to two labs to perform:
 - http://portal.acs.org/portal/fileFetch/C/CSTA_014996/pdf/CSTA_014996.pdf (A State Debate)
 - http://portal.acs.org/portal/fileFetch/C/CSTA_014995/pdf/CSTA_014995.pdf (Lose Some Mass, It’s a Gas!)
- You will be creating the following to cover the objectives in this unit:
 - A poem about properties of matter.
 - rhyme, alliteration, or any other type of literacy tool from English class.
 - A song on physical and chemical change.
 - rap, country, pop, or a nursery song: change the words to an existing song.
 - A skit on changes of state of matter
 - must have willing participants as well as props.
 - A short narrative on how changes in matter transfer to changes in real-life experiences.
 - This will be a reading to your classmates which includes symbolisms, analogies, metaphors, and other literary tools to capture the audience’s attention and make your point.

Evaluation

Present your activities to your teacher for review. After approval, have 3 classmates read, sing, or view your activities. Have them give feedback by providing a questionnaire for them.

Possible questions to ask of your peers are as follows:

- 1) Were the properties of matter such as density, conductivity, and solubility, the states of matter, and changes in matter explained in the activity?
- 2) What were some of the feelings or emotions that your activity elicited?
- 3) Ask for feedback on the overall structure of your activity (positive and negative).

Please write a self evaluation of your activities which includes what you have learned from this experience as well as any improvements that you may want to add to this project. Turn this paper in to your teacher along with your creations: skits, song, poem, nature.