Chemistry 4: Changes

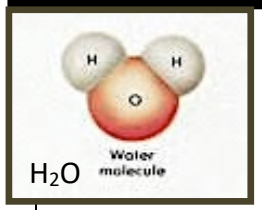
And the Conservation of Matter:

Matter (and Mass) is neither created nor destroyed, only rearranged, during normal chemical reactions.

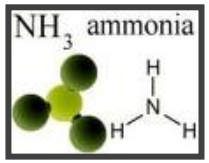
Science 8 October 2019 Mrs. Plyter

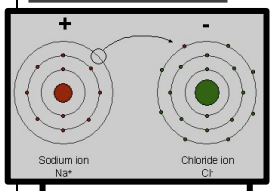
http://www.plyter.com/science

Name Period

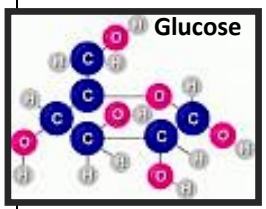


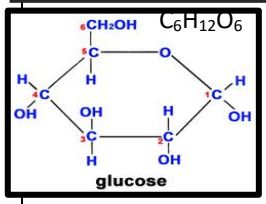
H_2O

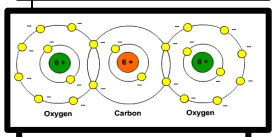




NaCl: Table Salt







Carbon Dioxide CO_2

	Thu	Fri
	18	19

15

The Law of Conservation of Matter - Mass

Handout:

A different Electron Dance

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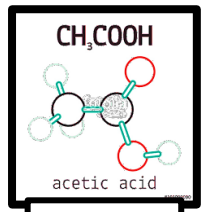
Chemical Change Lab

Enothermic or Exothermic?

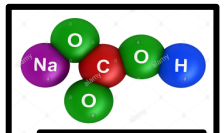
Photosynthesis

$6CO_2 + 6H_2O \xrightarrow[\text{Green Chlorophyll}]{\text{sunlight}} C_6H_{12}O_6 + 6O_2$

Carbon Dioxide + Water -------→ Glucose + Oxygen



Vinegar



Baking Soda

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Chemistry Online

...or the iMac

Get a Screen Check

Physical Science→ Chemical Abbreviations
Get a Screen Check_____

Classic ChemBalancer
Get a Screen Check_____

Atom Builder Activity on the iMac Desktop
Get a Screen Check_____

10___

If Time:

Figure it out! Worksheets

Chemical Change Handout
_____

Element and Compound Examples Worksheet
_____

The Particle Model Worksheet
_____

Calendar DUE

Central Science Home Page: www.plyter.com/science

Physical Science: → Chemical Abbreviations
Classic ChemBalancer

Discovery Education: (Username = yearlastf Student #)

Practice Tests: *MyGradebook.com* Classword = plyter20 → Password = Your Student #

iMac: On the Desktop: Atom Builder Activity: Carbon

Points:

Objective +Tape

Grade

The Law of Conservation of Matter

Chemical Change Lab

Online

Figure it out Worksheets

Daily Quizzes
Write # Correct
Initial in Color

Mon _____

Tue _____

Wed _____

Thu _____

Fri _____

TOTAL _____

Name Period

BJECTIVE:

Copy the Objectivess: _____

_____

_____

_____

_____

_____

Electron Dance:

__1) Place your **tape** in the rectangle.

__2) Illustrate one example of an Electron Dance using clear Tape.

___a) Write what you did to each tape. ___b) Draw results with –'s and +'s to show charges by each tape.

Your Grade for Last Week:

	Yours	Required
Calendar +	____	15
Grade	____	5
Investigate Background	____	10
Investigate	____	25
Ice to Steam	____	10
Try These	____	ex
Daily Quizzes	____	28
Totals _	_____	93

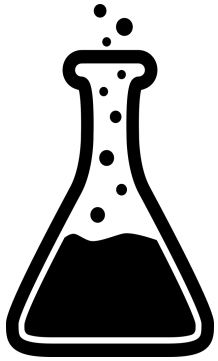
Yours / Required X 100 = %

_____ / 93 X 100 = _____

% Grade in Gradebook ___

Last week my grade went

↑? or ↓? _____



1) Demonstrate energy transfer in a chemical reaction.

2) MODEL evidence for the Law of Conservation of Matter (mass) during chemical reactions by illustrating reactants and products.