

CHEMISTRY: MATTER

Name _____

Period _____

Science 8 **Calendar** September 2017

Mrs. Plyter

<http://www.plyter.com/science>

Fri

Points:
Objective
Discovery Board

Element Quizzes

Periodic Tables:

Physical Change

Chemical Change

Daily Quizzes

Mon _____

Tue _____

Wed _____

Thu _____

Fri _____

TOTAL _____

20

22

CHANGES of Matter:

1) Physical CHANGE:

2) Chemical CHANGE

States of Matter Labs:

Water Cycle _____ 10
Distillation _____ 10

Chemical Change Lab:

Measure Temperature Change
During a Chemical Change.
_____ 10 + 10

Elements
are the Building Blocks of
Matter,
and are Organized in a Periodic
Table According to Properties.

1) Elements Quizzes:

Learn the first 36 Elements and
their Symbols! Do these:

Fun Based Chemistry _____ 5+
Element Flash Cards _____ 10+

2) Periodic Tables: Songs +

Bill Nye Video Clip. _____ 5

Color Code 2 Periodic Tables:
Handout + this one → _____ 10

Use this KEY: Use VERY PALE colors.

White = solids (as is--no color)
Light _____ = liquids
Yellow = gasses

Dark Border = metals

Light Border = As Is = non-metals

Purple = separation of metals & nonmetals

Periodic Table of Elements

← Key

																He									
Li		Be												B		C		N		O		F		Ne	
Na		Mg												Al		Si		P		S		Cl		Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr								
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pa	Ag	Cd	In	Sn	Sb	Te	I	Xe								
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn								
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg															
Ce		Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu											
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr												

The purple zig-zag line separates the metals on the left from the non-metals on the right

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

Practice Tests → QuizLab: Classword = plyter18 → Password = Student #

DISCOVERY EDUCATION: Start a Discovery BOARD for Prefixes & Suffixes. See the white board for login. Add to Forever paper.

PHYSICAL SCIENCE: → Periodic Tables → Periodic Table with Bill Nye → Songs ??
→ Quizzes → FunBased Chemistry: Elements Quiz → Element Flash Cards



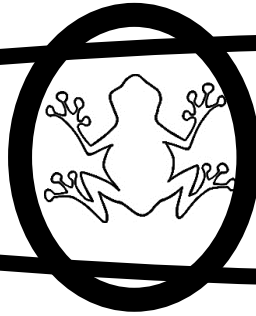


OBJECTIVE:

Write the Objective:

Start a **Discovery "Board"** of prefixes and suffixes. (Login to Discovery Education.)

- 1) Include meanings, examples and images.
- 2) Organize in a helpful way.
- 3) Start with these.



OBJECTIVE:

I will observe and compare PHYSICAL and CHEMICAL CHANGES of matter including the comparing of properties of substances before and after changes to determine if a chemical reaction has occurred.