

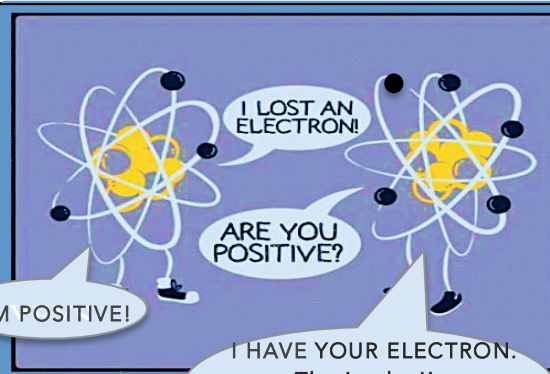


CHEMISTRY 2 ATOMS

Science 8 Mrs. Plyter
October 2018 www.plyter.com/science

Name _____

Period _____



Points:
Calendar Back +
Introductions

Chemical Change
LAB

Element Cards

Ceiling Models

Online Models

Online Quizzes

Daily Quizzes:

Mon _____

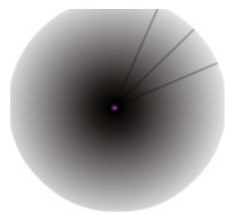
Tue _____

Wed _____

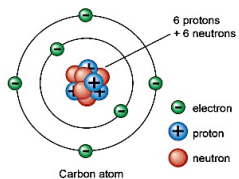
Thu _____

Fri _____

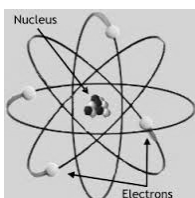
TOTAL _____



Cloud Model
Present Day



Bohr Model
1913



Rutherford Model
1906-1911



...Dalton Model
1800's

1

Chemical Change
Lab from Last
Week _____

Introductions:
Screen Checks are
Required

1 Song: Matter _____

2 Videos:
Particulate..... _____

Water States... _____
See Below.

2

Element Cards:

Structure & Diagrams
Using the **BOHR**
Model. Do 5+ Cards
at 5 points each.

Include:

H _____
O _____
C _____
Na _____
Cl _____

Atom Models:

Must hang from ceiling:

2 Hydrogen Atom _____

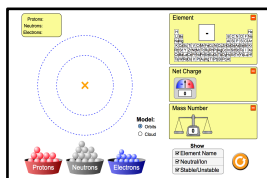
1 Oxygen Atom _____

3

Online Models of Atoms:

→ Physical Science Page
Get a Screen Check!

Build an Atom
Turn everything on!



Nitrogen _____
Flourine _____

ClassZone Atoms:

Build Oxygen
on Page 4. _____

4

Online Element Quizzes

Elements: The First
36+ _____
→ Practice Tests →
MyGradebook.com

Element
Abbreviations
(Symbols)
Do 36 or more. _____
Physical Science Page

5

Finish the
cartoon. ↑
The cartoon is
about 2 atoms of
which element?

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

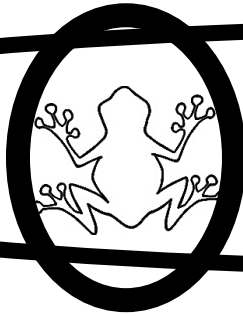
Physical Science → → Matter: The Song → Particulate States of Matter → Water States of Matter
→ Element Abbreviations (Symbols). Do the first 36 or more.

Practice Tests → QuizLab Classword = plyter19 → Password = Your Student # Elements: The first 36 +

Online Models of Atoms: Physical Science Page:
Build an Atom:: F + N Classzone Atoms: Build Oxygen on Page 4...Screen Check.

Extra: iMac: On the Desktop: Atom Builder Activity: Carbon 10 _____





OBJECTIVE:

Write the Objective:

Define:

Exo- _____
Endo- _____
-thermic _____

Complete:

In a **physical change** there is a change in the form or the state of a substance, but no _____ substance is formed.

In a **chemical change**, one or more new _____ are formed and energy is either gained or _____ . _____

As the temperature increases, particles move _____ and move _____ (closer or farther apart?)

As the temperature decreases, particles move _____ and move _____ .



Use the Periodic table as a reference to predict the pattern and structure of atoms of elements, by creating models of atoms (of specific elements).