

LP Thursday, October 17th and Friday, October 18th, 2019

Unit 3.3

Periodic Table of the Elements

The periodic table displays elements from Hydrogen (1) to Oganesson (118). It is organized into periods (rows) and groups (columns). Groups are labeled with Roman numerals and letters (e.g., 1A, 2A, 3A, etc.). The Lanthanide and Actinide series are shown separately at the bottom. A legend at the bottom identifies major categories: Alkali Metal, Alkaline Earth, Transition Metal, Basic Metal, Semimetals, Nonmetals, Halogens, Noble Gas, Lanthanides, and Actinides.

CALIFORNIA CONTENT STANDARDS:

Standardized Test Prep, Chapter 5, Electrons in Atoms

- 6.1.1 Explain how elements are organized in a periodic table
- 6.1.2 Compare early and modern periodic tables
- 6.1.3 Identify three broad classes of elements

Stamp: Understanding Bond Types
Electronegativity
WB 165-167

Lecture: Chapter 6.1
PPT: Periodic Trends (Page 38 NB)

Class Work: Periodic Table: Part 2 and 3

Practice: Understanding Bond Types
Review Periodic Trends Quiz (Chrome)

Home Work: None