Retake Activities for Chapter 5 Periodic Law

All: Review and document test errors on the appropriate form.

Target 05 - 01 Explain the history of the Periodic Table.

Locate, document, and take notes from three sources on Periodic Table History. Only one source may be from online.

Worksheet: Chemistry Retake Activity 05-10 Periodic Table History

https://docs.google.com/document/d/1okXKR8T11vSNtK_Ev--k2gM9bun54KQFkoYeQu8tj0g/edit?usp=sharing

Target 05 - 02 Use the Periodic Law to predict the properties of elements.

POGIL 15 Periodic Trends

Create a Periodic Table that includes the properties of atomic and ionic radii, ionization energy and electron affinity, electronegativity, groups, periods, and family names for the main block elements (I have some 11" x 17" paper if you would like to use it).

Worksheet: Chemistry Retake Activity 05-11 Periodic Law - Atomic Size

https://docs.google.com/document/d/1DJUOtolXXofqHM5ELOJiQh9wJwzArfIfD0ibMbeAsRw/edit?usp=sharing

Worksheet: Chemistry Retake Activity 05-12 Periodic Law - Ionization Energy and Electron Affinity

https://docs.google.com/document/d/1KCc-gPa7KcATEtdY5D0RddZum0Rhq2m1o0t8oHmkKlM/edit?usp=sharing

Worksheet: Chemistry Retake Activity 05-13 Periodic Law - Properties of Families

https://docs.google.com/document/d/1ppTfTxuK5ApdxI1YncH67PbxSCto2g9dcO_IIEwL_O0/edit?usp=sharing

Target 05 - 03 Use the Periodic Table to write a Noble Gas configuration for electrons in an atom.

Work practice problems from a different textbook. Document which textbook you used including the page number.

POGIL 14 Crack the Code

https://docs.google.com/document/d/1kPy2AqfCXl1rcLpIkk5YvuE3mUKa4ulhCqiK_Nfnfag/edit?usp=sharing

Worksheet: Chemistry Retake Activity 05-14 Noble Gas Configuration

https://docs.google.com/document/d/18KRmpRWq8_sJsnz9OcYvIBbCFGnE3zhgvJRSEw_w2x8/edit?usp=sharing

Target 05 - 04 Use the Periodic Table to determine the number of valence electrons in an atom.

Worksheet: Chemistry Retake Activity 05-15 Patterns in Valence Electrons
https://docs.google.com/document/d/1cgKY5VdsKeT5dSwootlRVGGUn6VbFbMPcLJAHwJhcbQ/edit?usp=sharing

Helpful Links

Bozeman: A Tour of the Periodic Table
https://www.youtube.com/watch?v=fLSfgNxoVGk

Element Grouping Quiz
http://www.sciencegeek.net/Chemistry/Quizzes/ElementClasses/

Element Grouping Quiz #2
http://www.sciencegeek.net/Chemistry/taters/Unit2ElementClasses2.htm

Match Element to Its Group
http://www.sciencegeek.net/Chemistry/taters/Unit2ElementClasses.htm

Periodic Trends - Test Your Knowledge
http://www.sciencegeek.net/Chemistry/taters/Unit2PeriodicTrendsB.htm

Periodic Trends #2 - Test Your Knowledge
http://www.sciencegeek.net/Chemistry/taters/Unit2PeriodicTrends.htm

Periodic Trends Quiz
http://www.sciencegeek.net/Chemistry/Quizzes/PeriodicBehavior/