

Coconino High School

Weekly Learning Guide

Course	Chemistry	Week Assigned	April 27-May 1st
Lesson Title	Balancing Chemical Equations		
Teacher(s), Email, & Other Contact Information	Nicole Wescott - nwescott@fUSD1.org ~ Using Canvas Platform through FUSD ID's to access learning materials Amanda Stalvey - astalvey@fUSD1.org ~ Using Google Classroom Platform for learning materials ~ Please contact teacher directly for Google Classroom Codes		
Target Standards	AZ State Standards Plus HS+C.P1U1.5 Essential HS.P1U1.2		
Learning Goal	Students will be able to balance chemical equations using coefficients.		
Essential Questions	• What is a coefficient? • How can coefficients be used to balance a chemical equation? • How can the Law of Conservation of Mass be demonstrated using a chemical equation?		
Learning Activity	• Wescott's Students (see Canvas for specifics): ○ We will be practicing how to balance a chemical equation using coefficients. ○ We will be demonstrating basic understanding of the law of conservation of mass through balanced chemical equations. • Stalvey's Students (see Google Classroom for specifics): ○ We will be practicing how to balance a chemical equation using coefficients. ○ We will be demonstrating basic understanding of the law of conservation of mass through balanced chemical equations.		
Resources	Please see Mrs. Wescott's Canvas to find resources and more information. Please see Ms. Stalvey's Google Classroom for all resources and information.		
Links to Printable Materials	Balancing Chemical Video Tutorial Resources: CHS: https://drive.google.com/file/d/1IIEc_kyUPwmK-uhSP9NO_XYEXj3LXoRW/view?usp=sharing Bozeman Science: http://www.bozemanscience.com/beginners-guide-balancing-equations		

Khan Academy:

<https://www.khanacademy.org/science/chemistry/chemical-reactions-stoichiome/balancing-chemical-equations/v/balancing-chemical-equations-introduction>

Balancing Chemical Notes Resources:

Balancing Chemical Equations Rules and Steps:

https://docs.google.com/document/d/14zXPnDdW0Gj_zeadhWhfekWDnHXm4KXWDYaChnsPhRg/edit?usp=sharing

Balancing Chemical Equations Powerpoint Notes:

https://drive.google.com/file/d/1CC_Ue8RT-i3UJuI_PGO2tvzY26Vd8CL-/view?usp=sharing

Balancing Chemical PhET Simulation Resources:

https://phet.colorado.edu/sims/html/balancing-chemical-equations/latest/balancing-chemical-equations_en.html

Practice Assignment for BOTH Ms. Stalvey and Mrs. Wescott:

Balancing Chemical Equations Worksheet:

https://docs.google.com/document/d/19uYidhWIK1N_pq6_nj_ey0U_LCqb73bUi2YyhusrZ4U/edit

Ms. Wescott's Class Specific Lesson Assessment:

Balancing Equations Topic Assessment:

https://docs.google.com/forms/d/e/1FAIpQLSdSD2D-VVTrMHP_e8afAZIDc3mytEwvFMetgPJtQ0thcfYrxw/viewform?usp=sf_link

Printable PDF Form for above assessment:

<https://drive.google.com/file/d/1ZrHmW4VLEHOzz7GQdF37vfxejnfgAtH6/view?usp=sharing>

Ms. Stalvey's Class Specific Lesson Assessment:

Balancing Equations Topic Assessment:

https://docs.google.com/forms/d/e/1FAIpQLSf_mDnZFRwiiZ5N85kR0qinmuBo68N-PqLAHLJa4admwkAIUA/viewform?usp=sf_link

Printable PDF Form for above assessment:

<https://drive.google.com/file/d/1sJrLA16p7UJ6MSnhqjh9mKDFN-CfoQbG/view?usp=sharing>

	<i>Please contact your teacher directly in order to turn these in.</i>
Extension & Enrichment	Please see Mrs. Wescott's Canvas to find extensions, enrichment and more information. Please see Ms. Stalvey's Google Classroom to find extensions, enrichment and more information.