



SHS LEARNING ACTIVITY

CHEM1-06-02

Name: _____ Score/Mark: _____

Grade and Section: _____ Date: _____

Strand: STEM ABM HUMSS ICT (*TVL Track*)Type of Activity : Concept Notes Skills: Exercise/Drill Illustration Laboratory Report Essay/Task Report Other: _____Activity Title: 06-02.Balancing equations v02

Learning Target: To practice balancing equations

Authors | References: Victor Sojo | sky-web: bit.ly/2C1mltt
Wikipedia: Hydrazine; Nitrogen pentoxide.

If a solution to the balancing is not obvious, a good trick is to follow this order: 1)Metals, 2)Nonmetals (except H and O), 3)Hydrogen, and lastly 4)Oxygen. It doesn't always work, but often it does. Another trick if the previous fails is to leave a pure element (such as Cl₂, O₂, H₂ or F₂) for the end, since multiplying it won't affect any other element.

Practice makes perfect! Let's balance a few equations (remember to **always make sure that the number of atoms of each element is the same on both sides! Count again after you finish balancing!**):

