

Download Guided Notes Chemical Equations

Unit 8 Chemical Reaction- Guided Notes Chemical Reactions A Chemical Reaction occurs when the _____ of a substance changes. Chemical Reaction: one or more substances are changed into one or more new substances by the _____ of component _____. Balancing Chemical Equations - class notes in Powerpoint. Balancing Equations Guided Notes - additional worksheet for extra help with balancing equations. Additional help on balancing equations can be found at this useful site. Chemical equations use _____ and other _____ instead of words to summarize a reaction. All chemical equations use formulas to represent the substances involved in a reaction. A _____ is a combination of symbols that represents the elements in a compound. If we are given the reactant(s), we can use the reaction types to help us predict the products of the chemical reaction. Synthesis (aka Composition or Combination) Reaction a. General Equation $A + ? \rightarrow A$ b. Oxygen reacts with metals to form metal oxides. $2 + 2 \text{Mg} \rightarrow 2 \text{MgO}$ c. Two nonmetals react to form a covalent bond.