

# Download Experiment 12 Types Of Chemical Reactions Lab

While the composition of a chemical substance is not altered by physical changes (such as freezing and evaporation), chemical changes, or reactions, result in the formation of new substances when bonds are formed and/or broken. Some relatively simple but common types of chemical reactions are illustrated in this experiment. Use this link to access the lab experiment: [Types of Chemical Reactions](#) Read through the materials in the lab presentation and complete the questions along the way. The reactants and products determine the type of chemical reaction. If there are more products than reactants, then it is a decomposition reaction. If there are more reactants than products, it is a synthesis reaction. If oxygen is a part of the reactant, it is a combustion reaction. If one ion replaces another, it is a single replacement reaction. CBSE Class 10 Science Lab Manual – Types of Reactions EXPERIMENT 3(a) Aim To perform and observe the action of water on quicklime, action of heat on ferrous sulphate crystals, reaction of iron nails kept in copper sulphate solution, reaction between sodium sulphate and barium chloride solutions and classify the reaction. Materials Required Calcium oxide [...]