

Download 9h Using Chemistry Test

KS3 Science-Chemistry Quiz on "USING CHEMISTRY" (9H) m/c questions. Carbon dioxide is formed in the complete combustion of a fuel. Carbon monoxide can be formed in the incomplete combustion of a fuel. Hydrocarbon fuels burn to form carbon dioxide and water. Carbon dioxide is formed in the complete combustion of a fuel. 9H: Using Chemistry. Which of the following is not one of the raw materials put into the blast furnace? Which of these rocks is not an igneous rock? In a chemical reaction the total mass stays the same. If we heat magnesium in air it forms magnesium oxide, which weighs more than the magnesium we started with. Contents 9H Using Chemistry New materials – everyday reactions Summary activities New materials – industrial processes Chemical reactions Burning fuels Combustion is the chemical reaction that takes place when a substance burns. The substance reacts with oxygen and energy is released as heat and light. 9H End of Unit Test (continued) 4 If you heat calcium carbonate, it turns into calcium oxide and gives off carbon dioxide gas. The word equation for the reaction is: calcium carbonate → calcium oxide + carbon dioxide Five pupils heated different amounts of calcium carbonate. The table shows their results. 9 H a Plot their results on the graph paper.