

Green chemistry and its examples It means designing materials and chemicals that we will use in the future to make our environment and ourselves healthier and more dependable to fight outside harmful sources.3-High quality paper: to make papers we need wood pulp and chemical additives, so Buckman's in his new experiment used a Maximyze enzymes to modify cellulose in wood to increase the number of fibrils that bind the wood fibers to each other.5- sherwin- Williams created water- based acrylic alkyd paints that contain low levels of volatile organic compounds (VOCs).2- computer chips : unfortunately manufacturing computer chips requires large amounts of water and energy, not to shock you but the amount of the two ratios used in a computer chip is 630: 1,but the alamos national lab created a computer chip using carbon dioxide CO<sub>2</sub> and it strikingly reduced the amounts needed to produce these chips.4- procter and gamble company formulated a soya oil and sugar mixture to replace petroleum -derived paint resins and solvents.In general, it's all about creating a new products without any toxic materials that are harming the planet and causing diseases.Formulations using the mixture release 50% fewer hazardous volatile compounds.\*Examples of green chemistry products\* 1- Bio- plastic : which is the eco friendly form of the usual plastic that cause suffocation for the sea animals.The acrylic paint is made of an acrylics mixture, soybean oil, and recycled PET bottles.Thanks to him .nowadays manufacturers can make papers with high quality and less harmful