

MIX AND MATCH:

Cut the boxes out with a scissors and then match the descriptions to the keywords.

Primary Alcohols	Is an atom or group of atoms responsible for the common properties of certain compounds, especially organic compounds. The functional group of alcohols is –OH.
Tetrahedral Shape	Is the chemical breakdown of organic material in the absence of oxygen. Glucose → Ethanol + Carbon Dioxide
Homologous Series	Is the process of separating two miscible liquids based on their boiling points.
Catalyst	The carbon with the OH is joined to one other carbon atom. (or none in the case of methanol)
Functional Group	The concentration of a solution is the amount of solute that is dissolved in a given volume of solution
Tertiary Alcohols	Is a series of compounds with the same functional group and similar chemical properties.
Concentration	The bond angle in a V-Shaped is 104.5°.
Secondary Alcohols	The carbon with the OH is joined to two other carbon atoms.
V-Shaped Shape	Is a substance that dissolves another substance to form a solution.
Distillation	The bond angle in a tetrahedral shape is 109.5°
Oxidation	A chemical reaction whereby water is removed from ethanol to form ethene. This is done by passing ethanol vapour over hot Aluminium Oxide (Al_2O_3)
Esterification	A chemical reaction converting a primary alcohol to an aldehyde
Fermentation	A chemical reaction where an alcohol reacts with an acid to form an ester and water.
Dehydration	The carbon with the OH is joined to three other carbon atom.
Solvent	Is a substance that increases the speed of a chemical reaction without being consumed by the reaction