Foxford Learning Plan

YEAR 12

Topics Alcohols and analytical techniques

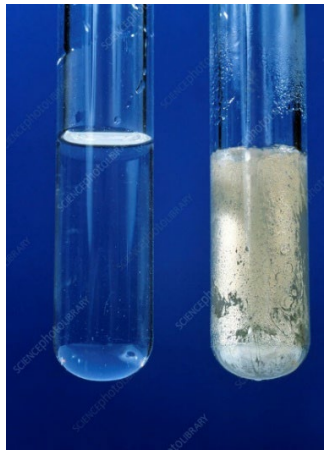
Spring 1 and 2

Key Vocabulary

Alcohol	Functional group – OH.
Fermentation	Production of alcohols from yeast or other microorganisms.
Oxidation	Loss of electrons or addition of oxygen.
Carboxylic Acid	Functional group – COOH.
Aldehyde	Functional group – COH.
Ketone	Functional group – C=0.
Primary	First order or level.
Secondary	Second order or level.
Tertiary	Third order or level.

Key Skills

Over the course of the topic, I will be able to: -
Apply knowledge from previous topics to new contexts.
Analyse and interpret scientific information.
Analyse organic compounds.
Evaluate the use of biofuels.



I will Understand

1. What primary, secondary, and tertiary alcohols are oxidised to.
2. How to test for alcohols, aldehydes, ketones, and carboxylic acids.
3. How alcohol can be produced industrially.
4. How isomerism effects organic compounds.