

Activity Worksheet

Challenging brain

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Word Box

Topic: Solutions, Suspensions and Colloids

Directions: Complete the paragraph below by writing the words from the word box on the spaces provided. Be sure to spell each word correctly.

dilute	centrifugation	homogeneous	tincture
suspension	colloidal	scattering	unstable
heterogeneous	settle	filtration	Tyndall effect
gas in gas	concentrated		

The solute particles _____ down when a suspension _____ is left undisturbed, that is, a suspension is _____. They can be separated from the mixture by the process of _____.

A solution of iodine in alcohol known as ‘_____ of iodine’; has iodine (solid) as a solute and alcohol (liquid) as the solvent.

Solutions with a high solute concentration are called _____ solution, and those with a low amount of solute are _____ solutions.

A colloid is a _____ mixture and its components can be separated by the technique known as _____.

Air is a mixture of _____. Air is a _____ mixture of a number of gases. Its two main constituents are oxygen (21%) and nitrogen 78%.

When light is passed through water containing a few drops of milk, it shows a bluish tinge. This is due to the _____ of light by milk and the phenomenon is called _____. This indicates that milk