

Activity Worksheet

Challenging brain

Sub : Science

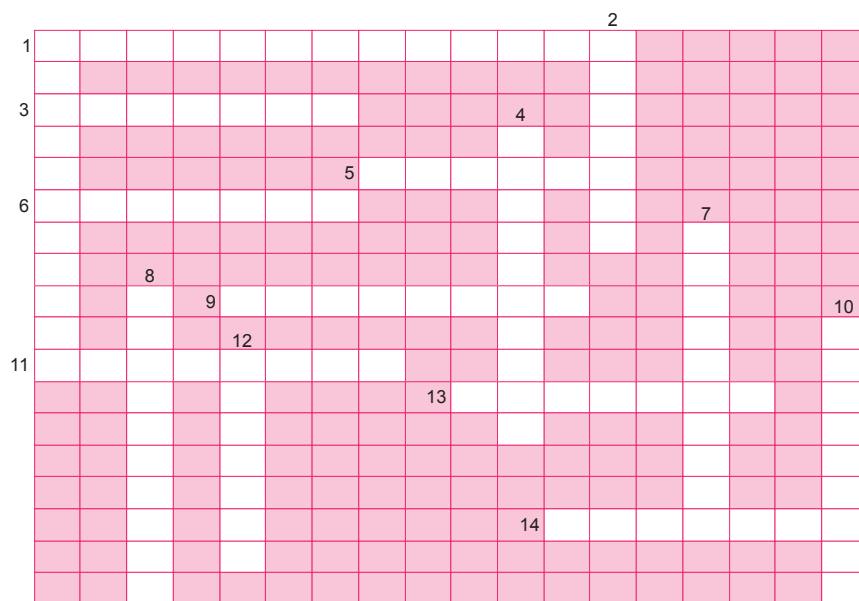
Grade: IX

Date:

Name:

ID No.....

Puzzle



Across

1. A substance in which the composition is not uniform throughout.
3. A substance in which two or more elements and/or compounds are simply mixed together in any proportion.
5. The minor component of a solution.
6. A basic form of matter that cannot be broken down into simpler substances by chemical reactions.
9. A substance composed of two or more elements, chemically combined with one another in a fixed proportion.
11. A homogeneous mixture of two or more substances.
13. A heterogeneous mixture in which the particle size is too small to be seen with the naked eye, but is big enough to scatter light.
14. _____ **Solution:** Solution of any substance in water.

Down

1. A substance having uniform composition throughout its mass.
2. The major component of a solution.
4. A heterogeneous mixture in which the solute particles do not dissolve but remain suspended throughout the bulk of the medium.
7. A device used to separate liquids from solids by spinning.
8. The maximum amount of a solute which can be dissolved in 100 grams of a solvent at a specified temperature.
10. _____ **Phase:** The colloidal particles which are distributed or suspended in dispersion medium.
12. _____ **Effect:** The scattering of light by colloidal particles.