



Sadiq Public School

Do the right, fear no man

Subject: G.SCIENCE

Class: p7

Day: Saturday (16-11-2024)

Lesson Solutions 7

A: Inquiry

The ability of solvent to dissolve solute depends upon forces present between solute and solvent particles

1. Define Suspension
2. What is meant by solubility

B: Information: SOLUTIONS

Solubility is the number of grams of solute dissolved in 100g of solvent at specific temperature.

Factors affecting solubility:

Temperature: Temperature increases the solubility of most solvents to dissolve solute due to more number of collisions.

Size of particles: Small sized particles can dissolve faster than larger size big particles due to more surface area

Mixing: Solubility becomes faster on stirring or mixing due to faster movement of particles

C. Practising /Assesment

Answer the short questions

- Define solubility
- What factors effect solubility
- How saturated solution is formed from dilute solution
- How super saturated solution is formed from saturated solution
- How concentrated solution is converted into dilute solution

Feedback:

- Send an email on my official email address provided below to let me know that you are receiving the lessons and to show your participation. There is no need to send the photos of daily home work. You will have assessments on every Thursday. You are required to send the answers of assessments only via email.
- **If you have any questions about** the Solutions and its components write these in your email please send me an email and I will reply asap

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