

*The City School*

**PAF Chapter, Junior Section**

**Science Blog Worksheet**

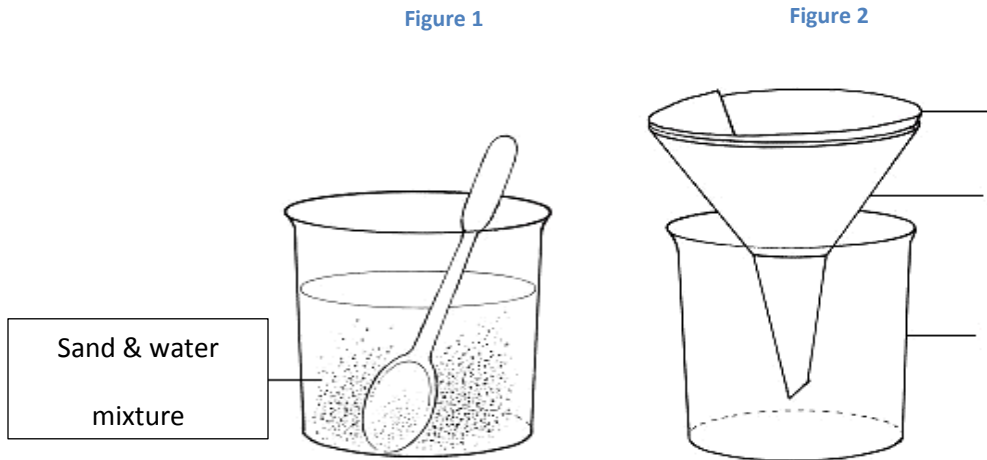
**Q1) Choose the correct answer:**

- a. If Jim wants to get clips out of pebbles, what could he use to separate the two solids?  
i) Magnet      ii) Mini-sieve      iii) Filter paper
- b. Which of the following is **not** a mixture?  
i) Bourn vita in milk      ii) Mango ice cream      iii) Water
- c. When a solid dissolves in liquid, the new mixture is called  
i) Syrup      ii) Solution      iii) Juice

**Q2) Quick Quiz: Match the answer.**

A mixture of ice and sawdust	solution
A jumble of different materials	property
Solute + solvent =	mixture
Describes what a material is like	separating
Sorting a mixture into its different materials	pykrete

**Q3) Hina mixes sand and water together. The mixture can be separated using the equipment below:**



a) Label the diagram (figure 2)

b) What name is given to this method of separating?

\_\_\_\_\_

c) Explain why sand can be separated from water using this method.

\_\_\_\_\_

\_\_\_\_\_

d) Complete the table below to show how Hina could separate each mixture quickly.

Mixture	Method of separating	How is the mixture separated?
Salt and water		Water: Sugar:
Flour and rice		Flour: Rice:
Paper clips from sand		Paper clips: Sand:

**Q4) Sort out the given materials into soluble and insoluble.**

Sugar	sand	rice	curry powder
Salt		coffee	wood shaving
Iron filling			tang

<b>Soluble</b>	<b>Insoluble</b>