

Atomic Energy Education Society

Class/Sec: V/ _____ Subject : EVS Date: _____

Name of the Student: _____ Roll no: _____

Worksheet based on Chapter 7: Experiments with Water

Q.1 Multiple Choice Questions.

i) Which of the following sinks in water?

- a) Pin
- b) Coin
- c) Eraser
- d) All of these

ii) In which year did Gandhi ji go on the Dandi March?

- a) 1929
- b) 1930
- c) 1931
- d) 1942

iii) Which of the following gets dissolved in water?

- a) Egg
- b) Ghee
- c) Sand
- d) Mishri

Q.2 Fill in the blanks:

stirring	soap cake	march	sank
dissolve	floating	Dandi	floating
sea water	British	salt	soap case

(a) Ayesha saw that at first the puri _____ to the bottom of the pan.

As the puri was puffed it started _____ on the oil.

(b) The _____ can be used to make salt.

(c) The _____ sinks in water while the _____ floats.

(d) Gandhi ji undertook a _____ from Ahmedabad to _____
in Gujarat and broke the law.

(e) When Ayesha put salt in the boiling water eggs started _____.

(f) The _____ made a law that people could not make _____
even for use at home.

(g) Oil does not _____ in water.

(h) On _____ sugar gets quickly dissolved in water.

Q.3 How would you separate:

i. Salt from water

ii Chalk powder from water

iii Mud from water

Q.4 Define

(a) Solution:

(b) Solute: _____

(c) Solvent:

Q.5 Put a (√) on the correct statements and a (X) on the wrong ones.

- (a) A puffed puri will float in water. ()
)
- (b) A steel plate sinks in water. ()
)
- (c) A plastic bottle cap floats in water. ()
)
- (d) Dead sea has the saltiest water of all the seas and oceans. ()
)
- (e) Oil can easily mix with water. ()
)
- (f) Sugar and salt do not dissolve in water. ()
)
- (g) Salt is made from sea water. ()
)
- (h) Sugar and salt do not dissolve in hot water. ()
)

Q.6 Water is called a 'Universal Solvent' because it can dissolve many substances in it. Encircle the things which can dissolve in water.

Sugar	Fresh juice	Oil
Lemon juice	Pepsi	Salt
Chalk powder	Mud	Ice
Ghee	Mishri (lump of sugar)	Milk

Experiment Time

Q.7 Take a tub of water. Have a collection of objects including a marble, an eraser, wood, pencil, a key, some coins, cork etc.

Place the above objects in the tub of water one by one. Make a list of the ones that floats and the ones that sink.

Objects that float

Objects that sink

Q.8 Answer the following questions.

1. Why do puris float on the oil while frying?

2. Does oil dissolve in water? Why?
