

EVS

Class:5th

Topic: What dissolved ,what did not dissolved in water

TOPIC-14

Name:

Village Name

On sunday , sumit went to his friend karthik house to play. After playing they got tired and decided to make lemonade to drink. Sumit added lemon in water and tasted it.

Sumit:

Aunt (karthik mother)



It is sour in
taste .



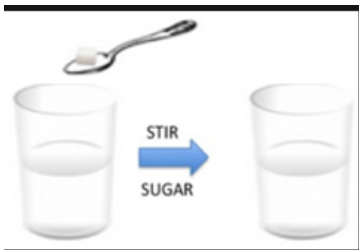
Sumit add some
sugar in it.

Sumit added the sugar in it and tasted it.



Hey ! Now it's little
sweet in taste.

Aunt : Try to mix (stir) it more. After mixing for some more minutes.



Sumit :



Ya Aunt ,Now it is more
sweeter. I cannot see any
sugar particles in water. All
sugar particles have
completely **disappear** in
water.

Sugar **dissolved** in water



DAY-1

What dissolved ,What did not ?

DO THIS EXPERIMENT

Materials Required :

Take 5 glasses , 1spoon , salt , soil , chalk powder , oil and milk

.PROCEDURE

- 1- Take some water in each glass
- 2- Put one thing in one glass and try to dissolve it(mix it with water).
- 3- And observe what happens.
- 4- Write your observations in the table below.

| s.no | THINGS | Did it dissolve or not ? | What happened after keeping for 2 - 5 minutes? |
|------|---|--------------------------|--|
| 1 | SALT | ` | |
| 2 | SOIL | | |
| 3 | CHALK POWDER OR (RANGOLI POWDER) | | |
| 4 | 1 SPOON MILK | | ` |
| 5 | OIL | | |

➤ Why salt is not visible in water ?



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- What difference did you see – 1) in the water with salt and 2) the water with chalk

- What happens to the soil after keeping it in water for 5 minutes? What change you can observe in water?

- Did the oil get dissolve in the water ? if not ,why do you think so ?



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DAY -2

- What things do you put in water to make tea? which of these things dissolves in water?

- Suggest some ways for quickly dissolving sugar in water?

- Collect three different items of your choice available at your home like (tea powder ,or masala powder,turmeric powder) try to dissolve it in water .Write your observations whether it dissolved or not?

Day -3 Let's Try Magic

- **Procedure**

➤ **Take Two glasses -pour water in both glasses**

1) Put lemon in one glass and observe what happens to it-Does it float or sink in water ?



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2) Now put egg in the other glass

Observe what happens to it - Does it float or sink in water?

- Now ,keep on putting handful of salt in water in both the glasses, half -a -spoon at a time.
- After putting half spoon salt each time , Wait for some time & Observe carefully what happens.

Record your observations in table below (After keep on adding salt in water for some time)

| THINGS | DOES IT FLOAT ? | Does it SINK ? |
|--------|-----------------|----------------|
| LEMON | | |
| EGG | | |
| POTATO | | |

- **What you can conclude from the activity? Why does some things start floating after adding salt in water?**

DO YOU KNOW- There is a sea in which even if you don't know to swim you can float.

