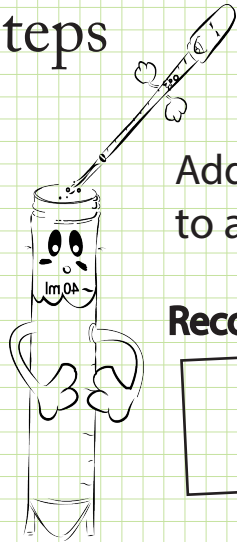


Dissolving Solids into Liquids

Disappearing Salt

Lab Steps

1.

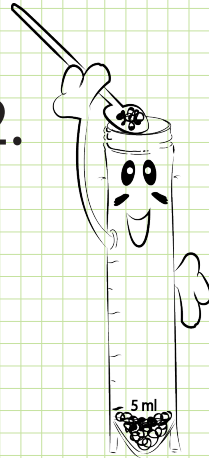


Add 20 ml water to a test tube

Record water level

20 ml

2.



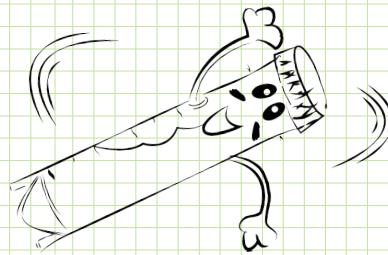
Add 5 ml salt to another test tube

3.



Mix salt and water

4. Put on cap and Shake

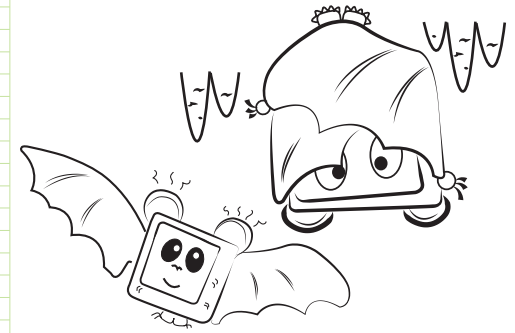


Record new water level

22 ml

Did the **water** level go **up** or **stay the same**? Water Level went up 2 ml

Chemistry



STEMTaught

Name:

Teacher Edition

Draw yourself experimenting

Class Discussion:

The salt did not disappear, it dissolved. We can know it is still in the water because of the water level rise. This tells us that there is more than just water in the test tube. We can also taste the salt in the water. The salt will come back out of the water with evaporation. Put it to the test. Have all the students pour their salt mixtures into jars with cloth as explained in the additional activity instructions and make your own class cave formation evaporate deposit.

Thinking and Discussion:

Did the salt really disappear? How do you know if salt is still there? Can the salt come back out of the water? How? Similar to salt, cave formations are made by dissolving and precipitating rock.