

“Scientists Are Thinkers”

Question/Problem: What do we want to find out?

Will water with salt evaporate faster than water without salt?

Hypothesis: What do we think we will find out? Make a prediction.

The water without the salt will evaporate faster than the water with the salt.

Materials: List what you will need to test the hypothesis

1. Cup with 100ml of water
2. Cup with 100ml of water containing a teaspoon of salt

Procedures/Steps: State step by step what you are going to do.....specifically

1. Place 100ml of water in one cup and 100ml of water containing a teaspoon of salt in the other cup. Let them sit until the next day.
2. Measure the amount of water in each cup by transferring the water from the cup into a graduated cylinder and record the data.
3. Do this for 15 days excluding weekends.

Observe and Record Data: List, picture, chart, graph

Day	Water (ml)	Salt Water (ml)
1		
2		
3		
4		
5		
6		

Analysis/Results: What does the data tell us?

The data shows that around days 6 there started to be a change in the amount of water in the cups. At the end of the experiment, more water was left in the cup with the salt water.

Conclusion: What did I learn? What does it make me want to learn next?

Having salt in the water does change the evaporation rate of water.

Next time I would try different substances in the water to see if the same thing happens to the evaporation rate.