

Zedua Experiments

Title: Make Stalactites and Stalagmites

Materials Required:

1. Two glass jars
2. A saucer
3. Woollen thread
4. Baking soda or washing soda or Epsom salts

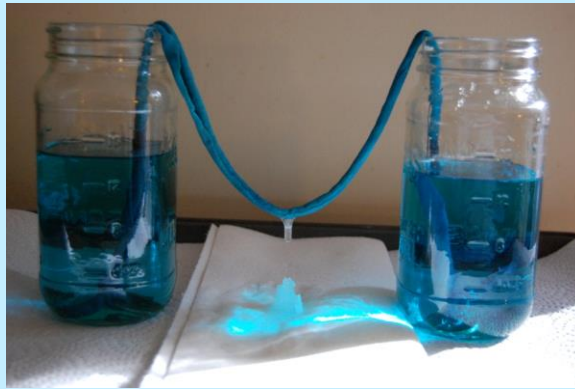
Procedure:

1. Fill the two glass jars with hot water.
2. Add as much soda as you can into each one until they form a saturated solution.
3. Keep aside these two jars in a warm place and put a saucer between them.
4. Twist several strands of woollen thread together.
5. Dip the woollen strand ends into the jars and letting the middle of the thread hang down above the saucer. The ends can be weighed down with small, heavy objects to keep them in the jars.
6. The two solutions creep along the thread until they reach the middle and then drip down onto the saucer.
7. Observe what happens to the experiment over the next few days.

Note: Wash your hands when you've finished.

What's happening?

In a few days the dripping water will leave behind the baking soda, forming a tiny stalactite (which forms from the roof) and stalagmite (which forms from the ground). Given enough time these may eventually join to create a single column.



Source: pintrest

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