

Borax Crystal Ornaments

Materials:

Pan
Pipe Cleaner
84 Grams Borax
Stirring rod
Hot Plate
Craft Stick
Plastic cup
String
500 mL water
Masking tape



Procedures:

1. Pour **84 grams** of Borax into **500 mL** of water in a pan. **Boil**. Stir it until it dissolves. It will look clear.
2. When your solution looks clear – you have reached saturation. Take it off the hot plate and set it aside.
3. Twist a piper cleaner into whatever shape you'd like. It must fit in your cup. You can use different colors of pipe cleaners and twist them together – the crystals are clear so the color of the pipe cleaners will show through.
4. Tie a piece of string to the top of your decoration. This will suspend the pipe cleaner in the cup.
5. Wrap the string on your decoration around the middle of a craft stick. Use tape to hold it in place.
6. Hang your pipe cleaner creation in a cup and slowly pour the borax and water solution into the cup.
7. Make sure your pipe cleaner is fully submerged in the mixture.
8. Balance the craft stick across the mouth of the cup so that the decoration is centered in the middle. Make sure that no part of the decoration is touching the sides of the cup. This is especially important because **crystals will grow on the walls** and if the pipe cleaner is too close to the walls it will get stuck when you try to pull it out of the cup.



9. Put your cup and ornament in the **freezer**. It will form crystals within 15 minutes.
10. **DO NOT DUMP ANY EXTRA LIQUID DOWN THE SINK!!!** Dump extra liquid outside.