**Hot Ice Experiment**

**Materials**

* 4 cups vinegar
* 4 tablespoon baking soda
* Saucepan
* Jar
* Wooden spoon

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**Steps**

1. Pour the vinegar into the saucepan.
2. Carefully mix in the baking soda (it will fizz over if you do it too fast).
   * Make sure everything is fully dissolved.
3. On low heat, slowly boil the solution until a thin film forms.
4. Carefully pour the solution into a jar.  Scoop out any floating crystals and keep those for later.
5. Cover the jar with a lid or plastic wrap and let it cool.
   * Works best if cooled in fridge.
6. Once cool you can try:
   * Sticking an object in;
   * Sticking your hand in;
   * Pouring the liquid over the excess floating crystals you have kept.