

SUPERCool FROZEN BUBBLES!



Did you know that if the temperature is low enough, you can watch a bubble freeze? Follow these steps to watch ice crystals form right in front of your eyes as a bubble becomes a work of art!



MATERIALS

- 1 CUP WARM WATER
- 2 TABLESPOONS GLYCERIN OR CORN SYRUP AS A SUBSTITUTE
- 2 TABLESPOONS SUGAR
- 3 TABLESPOONS DISH SOAP
- BUBBLE WAND OR STRAW

PROCEDURE

1. MIX THE WATER, GLYCERIN, SUGAR, AND DISH SOAP TOGETHER TO MAKE BUBBLE SOLUTION.
2. GO OUTSIDE WHEN THE TEMPERATURES ARE BELOW FREEZING:
-10°C OR 14°F. THE COLDER THE BETTER.
3. ALLOW YOUR BUBBLE SOLUTION TO COOL BEFORE BLOWING BUBBLES.
4. FIND A PLACE OUTSIDE THAT IS COLD BUT PROTECTED FROM THE WIND.
5. YOU CAN BLOW A BUBBLE AND CATCH IT ON YOUR BUBBLE WAND OR BLOW A BUBBLE DIRECTLY ON THE SNOW, IF YOU HAVE SOME AROUND.
6. THE BUBBLE WON'T FREEZE IMMEDIATELY. DEPENDING ON THE TEMPERATURE OUTSIDE, IT MAY TAKE A FEW SECONDS TO A FEW MINUTES TO FREEZE.
7. WHEN THE BUBBLE IS FROZEN, TOUCH IT LIGHTLY AND SEE WHAT HAPPENS.

