

FROSTED WINDOW PANES

Experiment

WHAT YOU NEED:

- 1/3 cup (75 grams) Epsom salt, (magnesium sulfate)
- 1-2 drops liquid dishwashing soap
- 1/2 cup water, (125 ml)
- lens cleaning cloth (or similar high-density cloth)
- 600 ml beaker (or other glass container)
- stirring rod (or spoon)



Use epsom salt to create crystals and frost your windows even if its hot outside!

WHAT YOU DO:

1. Make a supersaturated solution by stirring the Epsom salt (solute) into warm tap water (solvent) inside the beaker. If the salt doesn't dissolve completely, have an adult help you microwave it for about 30 seconds. Carefully remove it, and stir it again.
2. Add the dishwashing soap and stir again.
3. Use the lens cloth to "wash" the solution onto a glass window or mirror. Dab away the excess to avoid drips.
4. Let it dry and enjoy your homemade "frost!"