

Crystal Ball Bubble

What Do I Need?

- Large bucket or glass
- Thin piece of cloth
- Soapy water
- Heavy gloves
- Safety goggles
- Dry Ice



What Do I Do?

1. Make a soapy water solution.
2. Cut a piece of cloth about 18 inches long.
3. Completely soak the cloth in the soap.
4. Fill the cup half way with water.
5. Using gloves, put a couple pieces of dry ice in the water.
6. Wet the rim of the cup. Pull the strip across the rim.
7. Watch the bubble form and POP! How can you change the experiment?



What's Going On?

Sublimation is when carbon dioxide turns to carbon dioxide gas. Dry ice sublimates in air, but putting the dry ice in water greatly increases the speed of the process. The carbon dioxide gas is caught inside the bubble solution when it sublimates.

