

# Looks Foggy

*Let's explore how to make fog!*



## What you need:

- Glass jar- *Glass retains heat better, and you also want to see your experiment!*
- Small strainer- *If you don't have a strainer you can try using ice cubes in some paper towels. Use multiple layers so the ice doesn't crash through the paper*
- Water
- Ice cubes

## What to do:

1. Fill the jar completely with hot water and wait for about a minute.
2. Pour out almost all the water, leaving about 1 inch of water in the jar.
3. Place the strainer over the top of the jar. Place 3-4 ice cubes in the strainer.
4. Make observations and record them below!

As the cold air from the ice cubes interacts with the warm air in the bottle, the water will condense and fog will form.

## Exploring further:

Warm air can hold more moisture than cold air, you can try this by using another jar (or waiting until the first one is room temp) with a colder temperature and see how much fog that one can make.