



MAKE YOUR OWN CLOUDS



You will need

- A clean, clear glass jar, with its metal lid if you have it
- A foil or metal tray is great if you don't have the lid. It needs to be big enough to cover the jar opening.
- Warm (but not boiling) water
- Hairspray or a match
- Ice
- A torch

1

First

Fill the jar about a third full with the warm water. This will provide the water vapour for your cloud. Put the ice into your metal tray, or turn your metal lid upside down and put the ice on there. This is going to create a cold surface that will make your water vapour condense.

2

Then

In order to be able to see the cloud, we need some particles for the vapour to condense around. You can do this by spraying some hairspray into the jar above the water, or you can do it by lighting a match and holding it in the jar – to put it out you can drop it into the water. Be careful of the match.

3

Last

After spraying the hairspray, or letting go of the match, put your lid or metal tray on top of the jar, and give your cloud some time to form. You can use a torch to make the cloud more visible. When you remove the lid or tray, the cloud will escape.