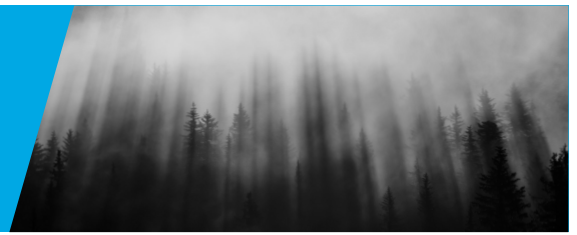


CURIOSITY AT HOME

FOG IN A JAR



Explore the science of weather.

MATERIALS

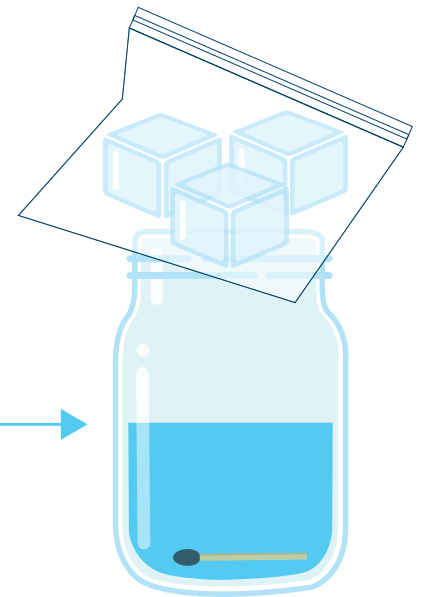
- glass jar
- hot water
- matches
- small (sandwich sized) Ziploc bag
- ice cubes
- adult help

PROCEDURE

- Fill the Ziploc bag with ice cubes and set it aside.
- Fill the jar with hot water until it is half full.
- With an adult's help, light a match and hold it over the jar opening for five seconds.
- Drop the match into the water.
- Cover the jar opening with the bag of ice and watch your fog form.



Hold lit match over jar.



Drop match.
Place bag of ice cubes
on top of jar

DID YOU KNOW

Fog is a cloud that forms close to the surface of the earth. Clouds are formed when masses of warm air encounter masses of cold air. As the warm air cools, water vapor (or gas) is turned into tiny droplets of liquid water, which we see as clouds. The same process is happening in your experiment, when the warm air above the water encountered the cool air next to the ice.

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