

Gas To Liquid

See the water that exists in air.



MATERIALS

- glass jar with lid
- ice cubes
- salt
- tissue

STEPS

1. Fill the jar with ice cubes and add two tablespoons of salt. Screw on the lid, then shake!
2. Slowly watch water droplets appear on the outside of the jar. Wrap the tissue around the jar, then take it off to see how wet it is!

DID YOU KNOW?

The salted ice quickly makes the glass sides of the jar very cold. The water that exists in the air as a gas cools down and changes into a liquid when it hits the cold sides of the jar. This process is called condensation (which is the opposite to evaporation). This allows you to see the water that is usually invisible in the air! You can collect the water using the tissue.

