

# NATURE CRAFT

## CLOUD IN A JAR

**Clouds do more than keep you cool on a sunny day.**

They play an important role in shaping the world's climate and weather. Some clouds reflect the sun's energy back into space, helping to cool the Earth. Other clouds act like a blanket, trapping some of the Earth's energy and contributing to warming.

**Water is key to cloud formation.** When the sun heats water in oceans, lakes, and ponds, it turns into a gas called water vapor. As this water vapor rises in the atmosphere, it cools and condenses back into a liquid around tiny particles, forming clouds. You can make your own cloud at home by mimicking this natural process.



## CREATE YOUR OWN CLOUD IN A JAR

### MATERIALS

Clear jar with a lid, matches, hot water, ice cubes

### DIRECTIONS

1. Carefully pour hot water into the jar
2. Light a match and drop it into the jar
3. Quickly place the lid on the jar and set ice cubes on top
4. Watch as the warm, moist air cools and condenses, forming a cloud in the jar
5. Remove the lid and set your cloud free!

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