

# STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

## CONTAINER CLOUDS

For this activity you will need:

- Glass jar with a lid
- 1 cup of very hot water
- Blue food coloring
- Hairspray
- 3-5 cubes of Ice

Directions:

1. Pour one cup of hot water into a glass jar.
2. Add blue food coloring to the water and stir.
3. Spray hairspray into the jar on top of the water and immediately close the lid of the jar.
4. Place 3-5 cubes of ice on top of the lid of the jar.
5. Now observe what happens! As time passes you will see a cloud start to form in the top of the jar.
6. After observing your cloud, open the lid of the jar and watch your cloud float off into the air.



activity adapted from:

<https://coolscienceexperimentshq.com/make-a-cloud-form-in-a-jar/>



**Illinois Extension**

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

**COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES**

University of Illinois | U.S. Department of Agriculture | Local Extension Councils Cooperating

University of Illinois Extension provides equal opportunities in programs and employment.

If you need a reasonable accommodation to participate in this program, please contact us.

Early requests are strongly encouraged to allow sufficient time for meeting your access needs.