

Create a Cloud in the Classroom!

**Materials Needed**

Cracker or cookie jar with wide mouth lid

Water

Match

Rubber glove or strong balloon

Rubber bands

To begin, fill the jar with ~1 inch of water. Seal it by stretch the rubber glove/balloon (cut balloon in half to get a single layer piece to put over the top). Place rubber bands around the mouth of the jar, over the top of the rubber glove/balloon seal. Now, let the jar sit to build up some water vapor. When you are ready, strike a match, blow it out and blow some smoke into the jar. Reseal the top making sure the seal is not too tight. When it is secured, push your fist into the rubber seal, then release. You should then see a cloud form, the jar will get foggy and hard to see through. In some cases, you may need to shine a light source (a laser pointer works well, but be careful of your eyes!) through the jar.

