

Cloud in a Bottle—Student

00:01 Speaker 1: This is how your students can make a cloud in a bottle. First add about 25 milliliters of water to a plastic soda bottle. Then, screw on the cap and shake the bottle vigorously, adding water vapor to the air inside the bottle. Then, unscrew the cap, light a match and blow it out. Drop the match inside of the bottle and screw on the cap quickly. Now, you want to add pressure to the bottle, so squeeze the bottle. Remember squeezing adds pressure, pressure increases temperature. Then release and watch what happens. Doing this several times will increase the amount of condensation inside of the bottle.