

CLOUDY WITH A CHANCE OF PHYZ. NOTES TO THE FUTURE

Hello future exhibitor,

Should you decide to show small children and their parents how to make a cloud in a bottle, there are a few things you'll want to know. Thankfully, you now have our experience to work off of.

Materials:

- Bottles: multiple sizes are recommended. Larger bottles are often more popular.
- Rubbing alcohol: can be found in almost any general goods store and is relatively inexpensive. (And legal)
- Pump: If not provided by your resident Phyz God, a bike pump will work just fine, see your local bike store or hardware store.

Hazards:

- Kids and adults alike may try to dump the cloud out of the bottle. If you allow this to happen then you'll be rewarded with rubbing alcohol spilled on the table. Luckily it will clean off cleanly or evaporate fairly quickly.
- Do not allow kids to try and drink the cloud, or inhale it, for that matter.
- You may get sunburned depending on where you set up. But the experiment works indoors and out.

Kids:

- Seeing a delighted child perform this experiment will easily put you in a happy mood however you may need to help the young people with the pumping aspect.
- Not all children are strong enough to pump the bottle up to the necessary level of pressure. Feel free to offer assistance when needed.

Adults:

- Adults will often require coaxing to try all experiments; don't be afraid to ask them if they've ever "made a cloud in a bottle before."

Things to Expect:

It must be noted that practicing the exhibit before hand is important. No brainer right? Knowing how long to pump the bottle will help make a whiter cloud and amuse more people as the day goes on.

Releasing the pressure in the bottle as fast as possible is important for achieving maximum fluffiness with every cloud. We found it effective to quickly remove your hand from the stopper and allow it to shoot off on it's own after a few pumps.

Women and girls scream the most when the pressure is released so be prepared. (Some scream louder than others.)

How to improve?

Cloudy with a Chance of Phyz is definitely not the flashiest exhibit. Let's face it, a table with some bottled and a bike pump isn't very exciting. If you're able, try making a poster or something to catch the eyes of passing people. Just keep in mind that no food or candy is allowed to be used for bribery or enticement.