

# Shaving Cream Cloud

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## Materials:

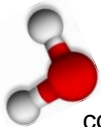
- 2 clear glasses
- Warm and Cold Water
- Foam shaving cream
- Dropper or turkey baster
- Food coloring

## Instructions:

1. Fill one clear glass  $\frac{3}{4}$  full of warm water.
2. Fill the top of that glass with shaving cream. Go ahead. Fill it all the way to the top and make it look like a big fluffy cloud!
3. Put cold water in the other clear glass, mix in food coloring.
4. Fill the dropper, or turkey baster with colored water.
5. Insert the tip of the dropper into the shaving cream cloud.
6. Gently squeeze to release only one drop of colored water.
7. Repeat step 6 until blue coloring comes out of the bottom of the shaving cream cloud.

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## The Science



The colored water does not quickly fall through the shaving cream cloud, like some may expect. Like real clouds in the atmosphere, the shaving cream cloud is able to hold onto some of the colored water. By adding more and more, the cloud eventually becomes saturated, meaning, it can't hang onto it anymore. The excess water drops and simulates the point where a real cloud would start to rain.

## Did you complete this experiment?

You could become a certified Weather Lab Assistant. Send us a photo or video of you and the completed experiment at [kaaltv.com/weatherlab](http://kaaltv.com/weatherlab).

The Weather Lab Assistant of the week is announced on **Wednesdays on ABC 6 News Good Morning!**

