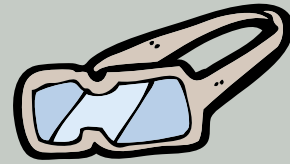




CAMP AT HOME SCIENCE TUESDAY - WEEK 5



RAIN CLOUD IN A JAR



What You'll Need:

- 1 clear water glass
- Food dye
- Shaving cream
- Water



GETTING STARTED

- 1) Fill up the clear glass with water, but do not fill all the way. Leave space for the shaving cream.
- 2) Add shaving cream on top of the water making the cloud.
NOTE The thicker the cloud, the longer it will take to rain.
- 3) Mix together the food dye with a few drops of water. Once well mixed, carefully drip the dye all over the shaving cream cloud.
- 4) Observe.



What to submit:
Picture of your
experiment.

THE Science BEHIND IT

The shaving cream represents the clouds; the water represents air; and the colored water represents the rain.



As the colored water saturates the shaving cream cloud, the cloud begins to get heavy. Eventually, the cloud gets so heavy it can no longer hold the colored water. Once the cloud can no longer hold the water, the colored water will begin to rain down into the jar. This is similar to condensation/precipitation in the water cycle.

Check out our video on Facebook!