



# BANG!



WORLDS  
UNBound

## STORM:

### Cloud in a Bottle!

Post a picture of yourself with your cloud in a bottle on Facebook and tag Worlds UNBound to be entered into a draw for a FREE week of camp. Let us know how your experiment turned out!

#### Materials:

- Glass jar (mason jar)
- Boiling water
- Hairspray
- Ice cubes
- Measuring cup

This week's theme is all about Superhero STEM! Our second key superhero is STORM! She has precise control over the atmosphere, which allows her to create special weather effects. She can create precipitation, make whirlwinds, flash freeze objects and even coalesce acid rain and toxic fog! Storm has also demonstrated the ability to control natural forces that include storms, solar wind and ocean currents! Since Storm uses the weather as part of her super powers, let's make a CLOUD IN A BOTTLE! A cloud is a visible accumulation of small droplets of water and ice crystals suspended in the air. Most clouds form as warm air rises in the atmosphere and then cools down! By using the material in our experiment, we will create a cloud in a bottle! Check out the next page for the instructions.

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**STORM:**

## Cloud in a Bottle!

Post a picture of yourself with your cloud in a bottle on Facebook and tag Worlds UNBound to be entered into a draw for a FREE week of camp. Let us know how your experiment turned out!

### Steps:

1. Start by boiling water and pouring about 1/3 of a cup of boiling water into the glass jar.
2. Next, quickly spray the hairspray into the jar.
3. Use the top of the mason jar (turned upside down) and put two ice cubes in it.
4. Place the lid with the ice on top of the jar.
5. Watch the cloud form in the jar!
6. Have fun!



Thank you for participating!  
We hope you enjoyed this activity.  
Check out our next activity on FRIDAY!

**POW!**