

Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - Cloud - Frost - Tornado - Rainbow



Hypothesis:

I think.... because,



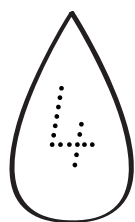
Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

1. In a small cup, mix the food coloring with some water.
2. Fill the clear jar with water until it is about 3/4 full.
3. Place the jar and the cup of colored water on the table.
4. Place a pipette in the cup of colored water.
5. Right before you are ready to do the experiment, spray a bunch of shaving cream in the jar until it is just below the top of the jar - there's our cloud.
6. Use pipette to drop colored water on the "cloud" and watch it start to rain.

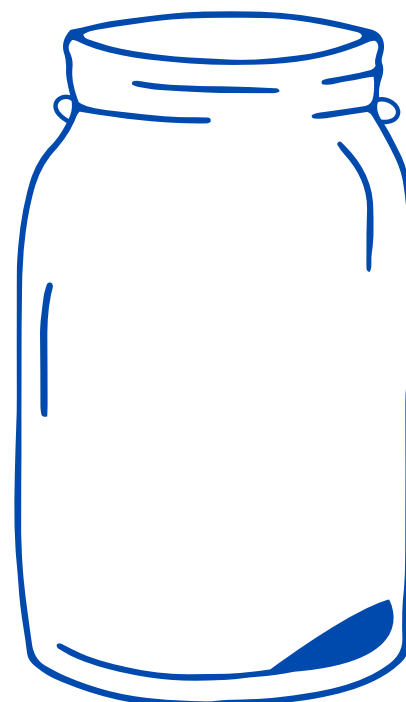
Guess:

It will take _____ drops for it to start raining in the jar.

Results:

It took _____ drops for it to start raining in the jar.

Draw what you see in the jar.



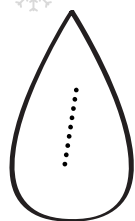
Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - Cloud - Frost - Tornado - Rainbow



1. Add 1/4 cup of baking soda and equal parts of shaving cream to a jar.
2. Cover tightly and shake until combined. You will start to see through the jar again when it's combined and feel it "thump" around.
3. Make a snowball! The snow will feel cold from the menthol/aloe shaving cream.



Hypothesis:

I think... because,



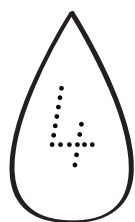
Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

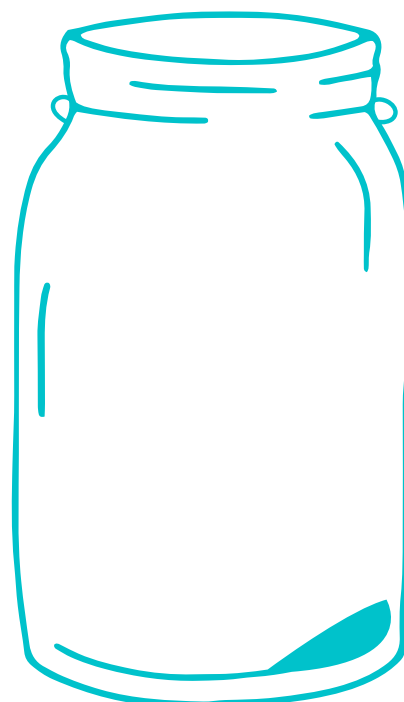
Guess:

It will take _____ seconds for the ingredients to turn into snow.

Results:

It took _____ seconds for the ingredients to turn into snow.

Draw what you see in the jar.



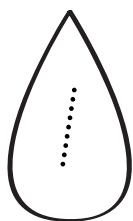
Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - Cloud - **Frost** - Tornado - Rainbow

Frost in a Jar

1. Fill jar with ice and sprinkle salt on top.
2. Let sit for five minutes or until frost appears on glass.



Hypothesis:

I think.... because,



Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

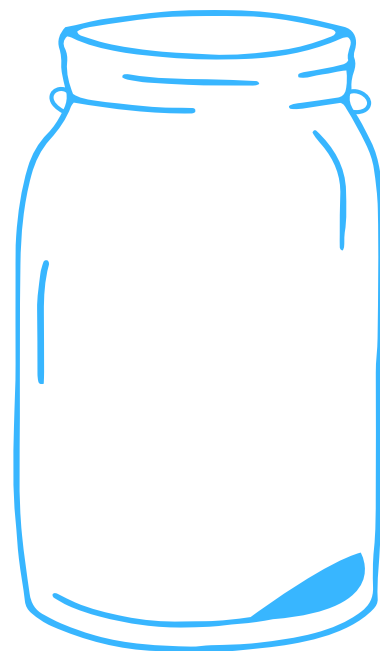
Guess:

It will take _____ seconds for the frost to appear on the jar.

Results:

It took _____ seconds for the frost to appear on the jar.

Draw what you see in the jar.



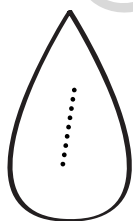
Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - **Cloud** - Frost - Tornado - Rainbow



1. In a jar, fill it 3/4 of the way full with water.
 - a. Add food coloring if desired.
2. Spray hairspray into the jar and quickly close the lid.
3. Place a few ice cubes on top of the lid.
4. Watch the cloud form.



Hypothesis:

I think.... because,



Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

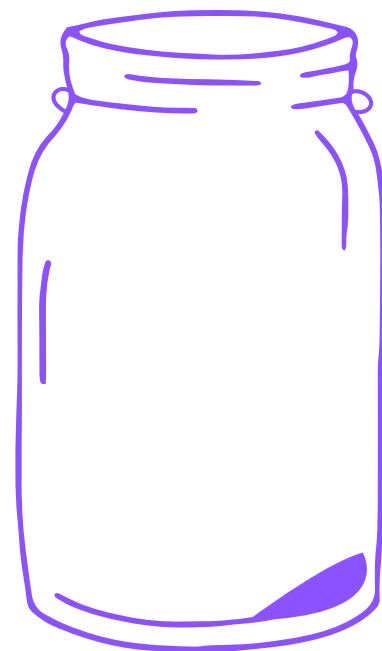
Guess:

It will take _____ seconds for the cloud to form in the jar.

Results:

It took _____ seconds for the cloud to form in the jar.

Draw what you see in the jar.



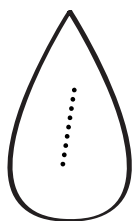
Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - Cloud - Frost - **Tornado** - Rainbow



1. Add water, vinegar, and food coloring to jar and mix until color is combined.
2. Add dish soap and stir gently until combined.
3. Close the jar tightly and swirl until you see the vortex.



Hypothesis:

I think.... because,



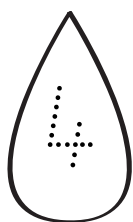
Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

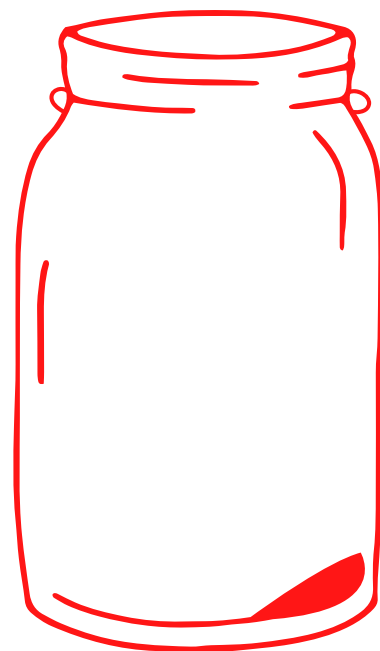
Guess:

It will take _____ seconds for the tornado to stop spinning in the jar.

Results:

It took _____ seconds for the tornado to stop spinning in the jar.

Draw what you see in the jar.



Name: _____

WEATHER A JAR - OBSERVATION JOURNAL

Rain - Snow - Cloud - Frost - Tornado - **Rainbow**



1. Fill the jar with water.
2. Place jar on white paper in a sunny spot or shine a flashlight on it.
3. Adjust the angle of the light and jar until you can see the rainbow on the paper.



Hypothesis:

I think.... because,



Procedure:

What we did was



Observation:

What we saw was



Conclusion:

I learned

Guess:

I will get to see ____ colors of the rainbow go onto the paper.

Results:

I saw ____ colors of the rainbow go onto the paper.

Draw what you see in the jar.

