








Create your own water cycle model. It really works!



What you'll need:

-  A large bowl
-  A small glass cup, yogurt cup, or plastic cup (You might have to weigh these down with a rock, otherwise they could float.)
-  Plastic wrap, the clingier the better (If the wrap isn't clingy, use a large rubber band to secure it.)
-  Water from the faucet, about an inch deep
-  Small weight (rock, few coins...)



Directions:

1. Pour the water into the bowl, NOT the cup. The cup will remain empty.
2. Stretch plastic wrap across the top of the bowl. It should not touch the small cup.
3. Place the weight in the center of the plastic wrap above the cup.
4. Place the bowl-water-cycle in a sunny windowsill (ha, ha in November) or just a warm place inside.
5. Observe how condensation forms the sides and top. Watch for "runoff" dripping down the sides. After a day or two take off the plastic wrap and see if there is any "rain" in the cup.
6. Try this with different variables like warm water or ice cube weights. (Remember 1 variable at a time.)



Just for Fun



Write a Pun or Joke.
As raindrops say, two's company, three's a cloud.



How does the rain tie its shoes? Answer: With a rainbow



Knock, Knock
Who's there?
Water
Water who?
Water you doing?

Write an Acrostic Poem Using Water Words.

Refreshing
Awesome
Invigorating
Natural resource necessity

Fun Facts
If 1 inch of rain fell on 1 square mile around the library, it would have poured 17,378,560 gallons of water!!!
Our bodies are about 70% water!
Water is the only natural substance that is found in all three physical states—solid, liquid and gas—at the temperatures normally found on Earth.

Websites

GREAT water website: USGS

<https://www.usgs.gov/special-topic/water-science-school>

Water vocabulary from USGS

<https://www.usgs.gov/special-topic/water-science-school/science/dictionary-water-terms>

How much rain calculator USGS

<https://water.usgs.gov/edu/activity-howmuchrain.html>

Haiku

Precipitation (5 syllables)
Amazing Phenomenon (7 syllables)
Can't live without it (5 syllables)

