



Drops on a Penny

Did you know?

Water covers $\frac{3}{4}$ of planet Earth. Water molecules hold on tightly to each other. They don't want to separate. They especially cling to each other at the surface because there is no water molecule on the other side of them to grab on to. Water molecules on the surface hold on to each other so tightly that a "skin" seems to form on the surface.

Try this!

You'll need a penny or other coin, a cup of water, and an eye dropper.



1. Place a clean penny on a flat, dry surface.
2. Make a guess: How many water drops do you think will fit on the surface of the penny?
3. With the eye dropper, gently put single drops of water on the penny and count as you go.
4. Keep adding drops until the water spills over the edge of the penny.
5. How many drops were you able to add? Were you surprised?
6. Dry off the penny and spilled water and try it again! Challenge someone in your family or a friend!