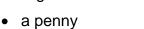
TRY THIS!



See how many drops of water will fit on a penny without overflowing.

You will need:

· A glass of water







Make a prediction: How many drops do you THINK will fit on the surface of the penny?

Count the drops:

- Fill the dropper with water.
- Count the drops of water as you "carefully" drop them on the penny.
- **<u>Tip</u>**: hold the dropper close to the penny, but do not touch the water.

How many drops of water did the penny hold...without spilling over?

Try This with your friends.

Try This with other coins (nickel, dime, quarter).

Science Connection: H2O

The water drop seemed to s-t-r-e-t-c-h with each drop of water. The hydrogen and oxygen molecules created a bond that was super tight. That's called "surface tension". Surface tension caused the drop to create a dome on top of the penny and did not let the water overflow. Finally, one drop too many broke the surface tension.