



## A Penny Problem

### Part 1: Teacher Demonstration

What I Saw...	
...my teacher use:	<ul style="list-style-type: none"> <li>• penny</li> <li>• pipette</li> <li>• beaker</li> <li>• piece of paper towel</li> <li>• pure tap water</li> </ul>
...my teacher do:	<ul style="list-style-type: none"> <li>• extracted water from beaker using pipette.</li> <li>• placed one drop of water at a time on head of penny.</li> </ul>
...happen	<ul style="list-style-type: none"> <li>• placed 18 drops of water on head of penny.</li> <li>• water spilled over on 19<sup>th</sup> drop.</li> </ul>

### Part 2: It's My Turn!

Based on what I just saw, I am wondering:

\*What if

\*What if

\*What if

### Part 3: Group Discussion

*Talk with your tablemates...share your "what if" questions...see if there is one that you are more interested in... check with your teacher to be sure the supplies will be available to you!*

As a group, we have decided to experiment with the following question:

← scientific

### Part 4: My Experiment

Now, carry out the experiment you chose! On ~~lined~~ paper, plan and record your experiment. Be sure to include all of the parts of the experiment from problem to conclusion!

the back of this

scientific question

→ materials + procedures → happened / result