

**Eye Dropper Challenge**

**Goal:** To see how many water drops can fit on the head of a penny without losing water.

**Prediction:**

1. How many water droplets do you think will work before it 'spills'? \_\_\_\_\_
2. Which side do you think will be able to hold more drops of water, heads or tails? Why?

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**Materials:** Make a list of the materials you are using in the activity.

**Procedure:**

1. Place a penny onto some paper towel.
2. Using a pipette, draw water into it from the water source.
3. Carefully place single drops of water onto the penny, recording each successful drop.
4. Continue with step 3 until the water spills onto the paper towel.
5. Repeat steps 2-5 for the desired number of trials.

**Conclusion:**

What was the largest number of successful drops of water you were able to achieve? \_\_\_\_\_

What are some strategies you found to get the penny to hold more drops of water?

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How did your predictions turn out? Were they successful? Unsuccessful? Provide a brief explanation.

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