

Drops on Pennies

Question: How many drops of water / water and washing up liquid do you think a penny will be able to hold before they fall off the edge?

Prediction: *What do you think is going to happen and why?*

Equipment:

Water, pennies, pipette / make-shift dropper, pencil, paper and washing up liquid.

Optional: different types of liquid.

Method:

Very carefully, use a pipette / make shift dropper to drop one drop of water onto your penny at a time. It's important to try to make sure that each drop is the same size.

Next, try the same experiment but add a small amount of washing up liquid to the water.

Results Table:

	Predicted Number of Drops	Tally Chart	Actual Number of Drops
Penny 1 – Just Water			

	Predicted Number of Drops	Tally Chart	Actual Number of Drops
Penny 2 – Water & Washing Up Liquid			

Conclusion: *What do your results tell you? Why do you think this happened?*

See Miss Mensah's Video for a full explanation.