



ROBIN HOOD'S RICHES Lab Notes

Part 2: Predictions

	1 hour	2 hour	3 hour	8 hour
Penny 1 (in container)				
Penny 2 (in air)				
Penny 3 (in salt/vinegar mixture)				

Part 2: Observations

	1 hour	2 hour	3 hour	8 hour
Penny 1 (in container)				
Penny 2 (in air)				
Penny 3 (in salt/vinegar mixture)				

Which penny oxidized most quickly?

Why do you think this happened?

Look at the back of Penny 1 which sat on the vinegar pad. What does it look like? (Draw or write your observation).

Discoveries:

Pennies 2 and 3 were exposed to the acid (the vinegar on the paper towel, and the vinegar and salt mixture you dipped it in). These acids speed up the oxidation process. The vinegar (acetic acid) on the towel prevents the copper from oxidizing, so this side stays shiny.

See next page for additional space to record your optional experiments with different acids.

Part 2: OPTIONAL EXPERIMENTS WITH DIFFERENT ACIDS

	1 hour	2 hour	3 hour	8 hour
Penny 1 Acid used:				
Penny 2 Acid used:				
Penny 3 Acid used:				