

HOW TO MAKE AN OLD PENNY LOOK NEW

You will need for each pair of girls:

Lemon Juice, Ketchup, Soy Sauce, Cola, Apple Juice, Windex and Vinegar
7 Clear plastic cups
7 Old dirty pennies
7 Paper towel sheets

Directions:

- Divide the girls up into pairs. Give each pair of girls 7 clear plastic cups, 7 old pennies and 7 sheets of paper towels.
- Have them drop a penny into the bottom of each plastic cup.
- Have the girls pour enough Lemon Juice into one cup..just enough to cover the penny. Repeat with the other ingredients..each one in their own cup.
- Wait 15 minutes and then have the girls take the pennies one at a time out of the cups and wipe them clean with the paper towel. Set the penny in front of the clear cup that it came out of.
- After all the pennies have been wiped clean, have the girls look at each penny and decide which one came cleaner.
- Ask them if they know why? It's the ingredients that have more acid in them which will do a better job of cleaning the penny and making it look brand new.

Pennies get old looking when air (oxygen) touches them and makes a dirty looking coating on them called oxide. The acid in Lemon Juice and a few of the other ingredients react with the oxide and dissolves it so all that left is a bright shiny copper penny.