Replacement Reaction: Copper onto Zinc

Summary
A piece of zinc is placed in a copper sulfate solution.

Chemicals and Solutions
- Piece of zinc foil
- 0.5 or 1M copper sulfate

Materials
Beaker

Procedure
*Hint: Metals can be cut into interesting shapes, and the demo done on the overhead.*

Discussion
Copper is plated out simply by placing the zinc in the copper sulfate solution.

\[
\text{Zn (s)} + \text{CuSO}_4 (aq) \rightarrow \text{Cu (s)} + \text{ZnSO}_4 (aq)
\]

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Source URL: https://chem.washington.edu/lecture-demos/replacement-reaction-copper-zinc