
Safety:

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- Instruments:**
- marmalade/jelly jar
 - clean copper sheeting

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- Chemicals:**
- household vinegar

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- Experiment:**
- Place a piece of clean copper sheeting in a jar of vinegar so that half of the sheet is submerged. Let stand for a few days.
 - What happens?

Advice for the teacher:

A layer of green slowly grows on the copper sheet. This is what people colloquially call "patina" (copper acetate, the copper salt of acetic acid).

Today, patina is artificially induced by brushing acid on a copper roof. Traditionally, people used the brine of pickle herring for this procedure. That must have really stunk!

The students should learn how to make their own patina.
