

Makeovers™ Children WEEKLY SCIENCE PROJECTS

COVER A NAIL WITH COPPER

TOOLS

1/2 cup vinegar
1/8 teaspoon salt
15 pennies
iron nail
scouring pad

- Clean the nail with the scouring pad.
- In the jar, pour the vinegar. Add salt. Stir.
- Let the pennies rest in the vinegar and salt for a few minutes.
- Add the clean nail. Wait for 20 minutes.

WHAT HAPPENS?

There is acid in the vinegar. The acid cleans the pennies. The copper and vinegar makes a solution called a compound. A compound is a mix of two ingredients; vinegar and copper. It is called copper acetate. The nail gets covered in copper.

