

Little House of Science Blog Post March

Turn Pennies Green

Learn about oxidation by turning pennies green in this fun science experiment.

You Will Need

- Pennies
- White vinegar
- Bowl
- Paper towels

The Experiment

1. Line the bowl with paper towels and place the pennies on top of the towel.
2. Pour vinegar over the pennies so that the paper towel is fully saturated in vinegar.
3. Wait and observe the pennies for a few days until the pennies turn green.

The Science

In this experiment, the acid in the vinegar helps the copper in the penny react with oxygen in the air to form a green coloured compound called malachite. This chemical reaction between copper and oxygen is known as oxidation.

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