

# Two of My Favorite Lecture Experiments: Cu + HNO<sub>3</sub> and Liquifying Oxygen

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**Brief Description:** Two lecture experiments allow me to show the phenomenon of paramagnetism and the effect of nitric acid on copper. Online versions of these lecture experiments allow students to review and revisit the phenomena. This is especially valuable with the copper and nitric acid reaction because as the school year progresses, the students understand more and more about the phenomena.

**Where are the demonstrations:**

The two demonstrations are presented in still images on my <http://www.chemmybear.com> website. Before the conference, I hope to make digital video versions.

[Metallic Copper + Concentrated Nitric Acid](#)



[Liquifying Oxygen](#)

