**Lightning in a bottle Demo**

**Sulfuric acid + Potassium permanganate+ Ethyl Alcohol**

1. **Draw what you saw.**
2. **What forms of energy were released?**
3. **How did the densities of the liquids compare?**
4. **Balance the equations for the reactions you saw:**

KMnO4 + H2SO4 → K2SO4 + Mn2O7 + H2O

Mn2O7 → MnO2 + O2