

## Conduction Rods



**Purpose:** To show that some metals are better conductors of heat than others

**Location:** room 136, shelf O6

Make sure each of the conduction rods has a drop of solid wax in the notch near the end. (Use the candle if needed.) Light a burner and hold the central hub over the flame. The wax on the copper rod should melt first, since copper has greater thermal conductivity than the brass (next) and steel rods.