

Inquiry lab: learning about stuff (before we try to turn it into other stuff)

Explore! *What do all these things do?*

Try to determine the purpose or function of each piece of lab equipment. If you desire any additional materials, please ask! Below, indicate each material and its hypothesized function. If you have an idea, feel free to include a name too!

Measure! *How can I use these tools to learn about stuff?*

Using these pieces of equipment, measure stuff for silver, iron, zinc, platinum, tin, antimony, and/or aluminum

Apply! *How can this data tell me about these metals? Which pieces of data will be true for all samples of each metal? Which pieces of data will only hold true for your specific sample of metal?*
Using these measured values (and perhaps generating some calculated values), construct a table (or multiple) that presents the data that you believe will be true for all samples of each metal. Write a short justification for each piece of data included.