**Activity 1: Classification Example and Flipbook**

**(Topic 1—Classification)**

1. Participate in the class activity: Shoe File. Prove you’ve participated by writing the classification scheme below:

2. In your own words, what does it mean to classify an object?

3. Brainstorm 3 characteristics that could be used to classify different types of matter. List them below:

a)

b)

c)

4. Create a flipbook (provided by teacher) that lists key vocabulary and their definitions, examples of key vocabulary in everyday life, and pictures (must be colored). The flipbook should be set up in such a way that logically groups words together. You may use Google or the CK12 textbook to find definitions; however, the definitions should be working definitions (in your own words, not copied from the book!). Use the **terms below**:

Atom Tyndall Effect

Element Homogeneous Mixture

Pure Substance Colloid

Mixture Distillation

Suspension Compound

Heterogeneous Mixture Filtration

Solution