

# Adopt an Element

Today you will be creating part of the Periodic Table. You will be assigned an element, have to research that element and then make a square representing that element. We will be putting all of the squares together to create a grade level periodic table.

There are two main parts to this project: your fact sheet and your square. The fact sheet is on the back of this paper and needs to be filled out during your research. You should be able to fill out most of this information, but the cost might be hard to find for some elements. Fill out as much as possible. I know some elements will be harder than others. The interesting information should always be completely filled out, though.

Your square is the final product that will be put together with everyone else's square. Make sure you follow the example below exactly because we will put them all together on the wall and they have to be uniform. The slogan should be something funny, rhyme and be based on something about your element. Your fellow classmates can help you come up with a rhyme if you need assistance. Also make sure you color it correctly based on if it is a metal, nonmetal or metalloid. It should be lightly shaded in based on the coloring below:

- Metals – blue
- Nonmetals – yellow
- Metalloids – green

## Example Square

The example square is a square box containing the following information:

- Top left: 33
- Top right: 74.9
- Center: **AS**
- Below symbol: Arsenic
- Bottom: Arsenic's a sure fire way to deal with a nasty rat, It works better than a mean old cat!

Labels with arrows pointing to the corresponding parts of the square:

- Atomic Mass (points to 74.9)
- Atomic Number (points to 33)
- Symbol & Name (points to AS and Arsenic)
- Slogan (points to the rhyme)