Atomic Scavenger Hunt

Go to my blog. Click on Link 1: Atomic Basics.

1. Protons are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charged.
2. Electrons are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charged.
3. Neutrons are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, meaning they have \_\_\_\_\_\_\_\_\_\_\_ charge.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found in the nucleus of an atom.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found in the electron cloud.
6. Particles with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charges are attracted to each other.

Go to my blog click on Link 2: All about Atoms.

1. Atoms are the basic \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of matter.
2. There are approximately \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ kinds of atoms.

Press ‘Click here’ to continue

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the central part of the atom.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ circle the nucleus.
3. Draw the charge inside of a Proton:
4. Draw the charge inside of an Electron:

Click on Fun Facts:

1. One proton would weigh the equivalent of \_\_\_\_\_\_\_\_\_\_\_\_\_electrons.
2. Protons and Neutrons have almost the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Atoms always have as many \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as protons.
4. Adding a proton makes a new kind of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Adding a neutron makes an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of that atom, a heavier version of that atom.
6. Hydrogen has

\_\_\_\_\_\_\_\_\_\_\_\_ Protons \_\_\_\_\_\_\_\_\_\_ Electrons \_\_\_\_\_\_\_\_\_\_ Neutrons

1. Helium has

\_\_\_\_\_\_\_\_\_\_\_\_ Protons \_\_\_\_\_\_\_\_\_\_ Electrons \_\_\_\_\_\_\_\_\_\_ Neutrons

1. Carbon has

\_\_\_\_\_\_\_\_\_\_\_\_ Protons \_\_\_\_\_\_\_\_\_\_ Electrons \_\_\_\_\_\_\_\_\_\_ Neutrons

1. How far away would the electrons in Hydrogen be if the atom was draw to scale?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mile

Go back to my blog click on Link 3: ChemTime Clock. Use the Chemical Symbol to identify each element.

22. \_\_\_\_\_\_\_\_ Lightest atom 29.\_\_\_\_\_\_\_\_ Atomic number of 9

23. \_\_\_\_\_\_\_\_ Lightest Metal 30. \_\_\_\_\_\_\_\_ Diamond

24.\_\_\_\_\_\_\_\_ Found in borax 31. \_\_\_\_\_\_\_\_

25.\_\_\_\_\_\_\_\_ Atomic number of 7 32. \_\_\_\_\_\_\_\_ Atomic Number of 11

26.\_\_\_\_\_\_\_\_ Major component of air 33. \_\_\_\_\_\_\_\_ Atomic number of 2

27.\_\_\_\_\_\_\_\_ Used in making 34. \_\_\_\_\_\_\_\_ First discovered in Sun

 toothpaste

28.\_\_\_\_\_\_\_\_ 2nd most abundant on 35. \_\_\_\_\_\_\_ Most common element

 element on earth in universe