

Chemistry Scavenger Hunt

Name _____

Visit the Chemistry Links page at the Kid Zone to find these sites!
Go to <http://sciencespot.net/> and click the Kid Zone graphic!

CHEMystery

Go to the "Matter" area to find the answers to these questions.

1. Matter is anything occupying _____ and having _____; it is the material of the _____.
2. There are three main phases of matter: _____, _____, and _____. There is also a fourth phase, _____, but it exists at very high temperatures.

Science Is Fun 2

Go to the "ChemTime Clock" area to find the answers to these questions.

1. All materials, whether solid, liquid or gas, are made of _____. Atoms are the smallest _____ of _____. Scientists have found over _____ different kinds of atoms. The many different materials we encounter are made from _____ of these atoms. A material in which all atoms are the same kind is called an _____. Therefore, there are over _____ different elements. Each element has been assigned a number, called its _____.
2. Search for information about each element on the Chem Time Clock. Use the chemical symbol to identify each element.

- | | |
|---------------------------------|---|
| ____ Lightest atom | ____ First discovered in the sun |
| ____ Lightest metal | ____ Beryl, emeralds, and aquamarine |
| ____ Found in borax | ____ Atomic number of 11 |
| ____ Atomic number of 7 | ____ Diamond and graphite |
| ____ Major component of air | ____ 2nd most abundant element on Earth |
| ____ Used in making toothpaste | ____ Atomic number of 3 |
| ____ An element in table salt | ____ Glows red-orange with electricity |
| ____ Atomic number of 12 | ____ Name from Greek word for sun |
| ____ Used in "mag" wheels | ____ Most common atom in universe |
| ____ Atomic number of 9 | ____ Found in buckyballs |
| ____ Used in laundry detergents | ____ Atomic number of 2 |