

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 |

Quia! Chem Games

Choose the "Common Chemicals" game.

Play the game to discover the names of these common chemicals:

- Acetic acid = _____
Sodium bicarbonate = _____
Ascorbic acid = _____
Sucrose = _____
Retinol = _____
Sodium chloride = _____
Acetylsalicylic acid = _____
Sodium hydroxide = _____
Thiamine = _____
Cobalamin = _____

How did you do?

- Great
- Fair
- Need practice!

Once you are finished, you may choose any site from the Kid Zone to explore!

TURN YOUR PAPER IN BY THE END OF CLASS to EARN Extra Credit!