

# CHEMISTRY ON VACATION

## Scavenger Hunt

Hello traveling scientist,

As you journey outside of the classroom, missing this precious instructional time, I want to challenge you to seek out chemistry in the world around you! For your "make up work" you are being challenged to a chemistry photo scavenger hunt! Below I am listing many different places or ways you might see chemistry outside of the classroom. Please *photograph* each one that you find and make a *slideshow* of the pictures, *labeling* them with the item/phenomenon on the list. You need to photograph *10 items* from the list below. These need to be *your own photos*, not ones from the internet. You will be amazed at all of the chemistry that is around you all of the time! Also, *don't forget to have fun on that vacation* - you are only a kid once after all!

1. A combustion reaction
2. Something that has undergone an oxidation-reduction reaction (think rust!)
3. An element
4. A metal
5. A gas-liquid solution
6. A source of calcium
7. A base
8. An acid
9. A substance with a pH of 7
10. Something with a noble gas in it
11. A polymer
12. A covalent compound
13. An ionic compound
14. Something with 79 protons
15. A homogeneous mixture
16. A heterogeneous mixture
17.  $\text{SiO}_2$
18. Something made of an element with 3 electrons in its outer shell
19. An alloy
20. Something made of Carbon
21. Something from the transition elements
22. Something with Fluorine in it
23. A chemistry student having fun on vacation