Chemistry Scavenger Hunt!

Supercharged Science will keep your kids happily engaged excited about science by playing an online version of a Scavenger Hunt together!

Make sure you've watched our CHEMISTRY classes this week (if you've missed any, simply look in our "Videos" on Facebook). We're going to see how much you're learning by playing a chemistry game together... and yes, we even have prizes!

We'll show you how... and please forward invite this to a friend and let's have fun learning together! This is intended for kids that are interested and excited about chemistry - no age limit or requirements. If you love chemistry, then join us. Here we go!

Can you find…

1. An element?
2. A heterogeneous mixture?
3. A metal?
4. A gas-liquid solution?
5. An example of a physical change?
6. A homogenous mixture?
7. Something with 13 protons?
8. Anything that can filter a mixture?
9. An acid with pH less than 6?
10. A gas?
11. An example of a chemical change?
12. A base with a pH greater than 8?
13. A mixture that can be separated by filtration?
14. Two different forms of carbon?
15. A food with “K” in it?
16. A polymer?
17. Where would you find the fourth state of matter?
18. Something with 118 neutrons?
19. Where would you find nitrogen in your house?
20. This type of object nearly always has one or more of the following: iron, nickel, or cobalt.

Answers:

1. An element? Aluminum foil, copper wire, graphite from a pencil
2. A heterogeneous mixture: Sand and water, salt and iron filings, peppercorns
3. A metal? Aluminum, copper, iron, etc.
4. A gas-liquid solution: carbonated soda
5. An example of a physical change: melting ice, wadding up paper
6. A homogenous mixture: sugar water
7. Something with 13 protons (aluminum)
8. Anything that can filter a mixture: coffee filter, paper towels, strainer
9. An acid with pH less than 6: vinegar, sprite, lemon juice
10. A gas: helium in a balloon, exhaling carbon dioxide, fluorescent tube lights
11. An example of a chemical change: digesting food, rust, camp fire
12. A base with a pH greater than 8: baking soda, ammonia, milk
13. A mixture that can be separated by filtration: coffee, fish tank water
14. Two different forms of carbon: diamond and charcoal and graphite
15. A food with K in it: bananas, oranges, melons, apricots, dried fruit, spinach, broccoli, yams, potatoes…
16. A polymer: glue, starch, piece of plastic, shoes, foam
17. Where would you find the fourth state of matter? Stars, fluorescent lights…
18. Something with 118 neutrons?
19. Where would you find nitrogen in your house? Air, dirt, fertilizer
20. This type of object nearly always has either iron, nickel, or cobalt: magnets