

The Great Chemistry Scavenger Hunt

Name:

[illegible]

TALLY	YOUR	POINTS EARNED	TOTAL	/140

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Here's what to do:

1. Use the internet or other sources of information to help you learn more about your list
2. Find an item and take a photo and label what is in the photo **2 points each (+1 additional point if a selfie)**
3. OPTIONAL: Earn another point for writing a short (3 - 6 sentences) description explaining more about the background/chemistry of the item
1 additional point for each description
4. Make your own personal copy of the Google Doc and organize all your photos according to their item number on the list.
GOAL: Earn 140 points
5. Share your Google Doc with me by 8 am on the first day of school.
- 4 points for each day late

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Example] a solution with the solute and solvent identified (The solute is _____ and the solvent is _____.")

1. something containing sulfur
2. a polymer of ethylene terephthalate
3. a recent (June 4 – August 17, 2020) newspaper article with a chemistry theme
4. a picture of a scientist from the same country that your family originally comes from
5. metric container with the SI unit for volume
6. something with a gas pressure that exceeds 2.0 atm
7. something with a gas pressure that is less than 1.0 atm
8. a proton donor
9. result of a chemical change
10. allotropic form of carbon
11. an ionic compound
12. sample of something ductile
13. a product containing an element with 13 protons
14. sample of elemental zinc
15. sample of a hydrocarbon
16. 2-propanol
17. a volatile liquid
18. a crystalline substance that tastes sweet
19. something with L-carvone or D-carvone in it
20. a non-electrolyte that dissolves in water
21. something that contains an element with an atomic number of 47 and a mass number of 107
22. something containing potassium that is not yellow
23. a covalent molecule
24. a polymer
25. a hydrated crystal
26. methyl salicylate
27. sample of something brittle
28. an electrolyte
29. a heterogeneous mixture
30. a source of calcium

31. substance containing a halogen
32. a solid solution
33. a substance with a pH greater than 7
34. food source of boron
35. a catalyst
36. something paramagnetic
37. a mixture of two miscible liquids
38. a voltaic cell
39. an oxygen-containing substance
40. a non-aqueous solvent
41. a substance with a boiling point below that of water
42. an example of a colloid that you can find in your refrigerator
43. a nonmetal
44. 6.02×10^{23} of anything
45. something with an alcohol group in it
46. something with an ester group in it
47. a mixture that could be separated by paper chromatography
48. something containing a transition metal from period 6
49. substance with a specific gravity less than 1
50. a substance that you drink that has a pH less than 7