

CHEMISTRY IS LIFE!

*** DO NOT WRITE ON THIS SHEET. THIS IS A CLASS SET. ***

Please answer the following questions on your own loose-leaf paper.

- 1) What do you expect to learn in this class?
- 2) What math class did you take last year?
- 3) “Stump the teacher”... try to think of something from the natural world that does not have anything to do with chemistry. Write down your ideas.

Directions, #4-60:

Every one of the following terms has to do with chemistry.

First time through the list: Write a brief definition or description of the following terms. Be as specific as you can. If you do not recognize a term, leave that number blank and skip a line.

Second time through the list: Look up the terms you do not know. You may use online sources, books, etc. List all sources informally – MLA or APA not needed.

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|-----------------------|--------------------------|
| 4) acid rain | 33) chemotherapy |
| 5) solution | 34) element |
| 6) observation | 35) sugar |
| 7) electron | 36) carcinogen |
| 8) pH | 37) gas |
| 9) humidity | 38) freezing |
| 10) saline solution | 39) chemical equation |
| 11) sinkhole | 40) cellular respiration |
| 12) half-life | 41) data |
| 13) corrosion | 42) periodic table |
| 14) combustion | 43) scientific law |
| 15) calcium | 44) oxygen |
| 16) chemical reaction | 45) carbon |
| 17) filtration | 46) helium |
| 18) evaporation | 47) ozone |
| 19) accuracy | 48) carbohydrate |
| 20) atom | 49) carbon dioxide |
| 21) dry ice | 50) hydrogen |
| 22) chlorine | 51) chlorofluorocarbons |
| 23) hypothesis | 52) radioactive |
| 24) microplastics | 53) explosion |
| 25) theory | 54) density |
| 26) volume | 55) matter |
| 27) energy | 56) dilute |
| 28) food poisoning | 57) organic |
| 29) experiment | 58) molecule |
| 30) pressure | 59) decomposition |
| 31) electrolyte | 60) salt |
| 32) metabolism | |