Chapter 1 Review and Test Preparation Study Guide

1. Nucleus
2. Atom
3. Base
4. Periodic table
5. Acid
6. Nonmetals
7. Solid, liquid, gas
8. Metals
9. Atomic number
10. Compound
11. Protons, neutrons, electrons
12. Element
13. Malleability
14. Matter
15. Atoms
16. Protons
17. Neutrons
18. Electrons
19. Molecules
20. Compounds
21. A, negative
22. J, protons
23. D, plasma
24. F, 5
25. No, some molecules consist of two or more atoms of the same element, whereas a compound is made up of atoms of two or more elements
26. Water is a compound, and the periodic table only lists elements
27. The substances are the same element, have different numbers of neutrons and are classified as isotopes
28. Students would need to control the amount of water and the amount of salt in the water. Students could communicate results in a written report, oral report, visual display such as a graph, etc.
29. Compare the effect of various substances on the cabbage juice and a known indicator or testing the cabbage juice with known acids and bases. Collect data on the reaction of the cabbage juice with each substance.