Across
3. The study of matter
10. Substances that affect the rate of a reaction but are not changed themselves. Also may start or stop a reaction from occurring.
12. Shows how atoms in a molecule are located and connected
14. Substances that enable enzymes to work properly.
15. Pure substances consisting of two or more atoms in each molecule
16. Positive particle of an atom. The number of these determines what kind of element it is
17. Chart of elements organized according to their atomic structure
18. Pure substances consisting of only one kind of atom in each molecule
22. Show the number and type of atoms in a molecule

Down
1. Small amount of liquid chemicals would be measured using this metric unit.
2. The smallest unit of an element
4. The metric unit used to weigh of a bar of gold
5. Solid, liquid, gas
7. Donated electrons form charged particles called ions to stick together
8. Occupies space and has mass
9. Negatively charged particle outside the nucleus
11. A distinct group of atoms bonded together
13. A protein molecule or organic molecule used as a catalyst
19. The ability to do work
20. The part of the atom containing the protons and neutrons
21. Neutrally charged particle found in the nucleus and has mass