

**Bill Nye Video - Atoms and Molecules**

- 1.) Things are made up of \_\_\_\_\_ pieces of stuff.
- 2.) "Atoms" is from a Greek word meaning \_\_\_\_\_
- 3.) The heavy particles of the atom are in the \_\_\_\_\_
- 4.) Most of the atom is made up of \_\_\_\_\_
- 5.) \_\_\_\_\_ and \_\_\_\_\_ particles are found in the nucleus
- 6.) \_\_\_\_\_ particles orbit around the nucleus
- 7.) Electrons repel each other and move around the nucleus so fast it acts like a \_\_\_\_\_
- 8.) \_\_\_\_\_ atoms would fit on the head of a pin
- 9.) Atoms are the basic \_\_\_\_\_ of all matter
- 10.) When atoms combine, they can make \_\_\_\_\_
- 11.) All matter is made up of elements and \_\_\_\_\_
- 12.) Water is made up of two parts \_\_\_\_\_ and one part \_\_\_\_\_
- 13.) The number of \_\_\_\_\_ in the nucleus makes each atom different
- 14.) The \_\_\_\_\_ number on the periodic table represents the number of protons
- 15.) \_\_\_\_\_ different elements occur naturally
- 16.) \_\_\_\_\_ is the formula for salt and  $C_3H_5N_3O_9$  which is nitroglycerin used in \_\_\_\_\_
- 17.) Protons and Neutron are made up of even smaller matter called \_\_\_\_\_
- 18.) Everything in the Universe is either \_\_\_\_\_ or matter.
- 19.) The element \_\_\_\_\_ is found in all living things.
- 20.) \_\_\_\_\_ chemistry is the study of the Carbon atom