

| word | Definition |
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| element | A substance that cannot be separated or broken down into simpler substances by chemical means |
| matter | Anything that has mass and takes up space |
| crystal | A substance in which the particles are arranged in an orderly, geometric, and repeating pattern |
| periodic table | An arrangement of all the known elements in order of their atomic number |
| mass | A measure of the amount of matter in an object |
| weight | A measure of the gravitational force on an object |
| volume | A measure of the amount of space an object takes up |
| molecule | Two or more atoms held together by chemical bonds |
| chemical bond | The attractive force that holds atoms together |
| density | The ratio of the mass of a substance to its volume |
| atom | The smallest unit of an element that has the chemical identity of that element |
| pure substance | A sample of matter that has specific chemical and physical properties, such as appearance, melting point, and reactivity |
| compound | A pure substance made of two or more different types of atoms joined by chemical bonds |

