${\it Grade 7 \ Science - Pure \ Substances \ and \ Mixtures \ } {\it Bill \ Nye-Atoms \ and \ Molecules}$

	Name: Class: Date:
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 The particles are on the
	outside. Atoms are mostly
4.	and are found in the nucleus. Their charges are
	and, respectfully buzz around the nucleus at a
	distance away.
5.	Electrons each other and move around so fast that the atom acts like a
6.	atoms would fit on the head of a pin.
	Atoms are the basic of all matter.
	When atoms combine, they can make
	All matter is made of and
	. Water is parts and part We know this because water ca
10.	
	be split apart by
11.	. To "see" the spaces in matter, add one cup of water and one cup of The total volume is
	two cups, since alcohol has a lot of betwee
	molecules, where water molecules can
12.	. The number of in the nucleus makes the atoms different. Elements have been arranged on
	number represents the number of protons.
13.	elements occur naturally.
14.	. NaCl is SALT. C ₃ H ₅ N ₃ O ₉ is nitroglycerine and is used to make
15.	. Inside protons and neutrons are These are studied by a
16.	. Everything in the universe is either or The smallest pieces of matter are
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17	7 is in every living thing, like us chemistry is the study of this element
	compounds.