

# An Introduction to . . .

## Atoms

Everything known to mankind that can be measured, felt, heard, seen, smelt or even tasted is made of tiny substances called \_\_\_\_\_.

Atoms are composed of smaller particles called

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Neutrons and protons hang out in the \_\_\_\_\_ of the atom. Which takes up very little space, but has most of the mass or weight. The size of an atom is determined by the number of \_\_\_\_\_.

Electrons travel around the nucleus, but not in a set orbit like the planets around the sun. Instead they travel randomly around the nucleus like a \_\_\_\_\_.

For the most part protons, electrons and neutrons are all the same. What makes the difference is the number of electrons, protons and neutrons that each atom has.

The combination of these particles is what allow atoms to combine and create \_\_\_\_\_.

Molecules are the building blocks of \_\_\_\_\_.

Molecules are the smallest units of a pure substance that contain the properties of that substance.