

Matter, matter everywhere. Except in a vacuum of course. Matter is everything. We've already told you that chemistry is the study of matter and how it changes and interacts with other matter. But what is matter?

MATTER IS THE STUFF AROUND YOU

Not very clear, but it's true. Anything that takes up space or has a mass of any kind is matter. Everything you can touch is made of matter. If it is made of anything, that anything is matter. Everything you will learn about Chemistry will all be based on how matter reacts and combines.

Matter has many properties. It can have **PHYSICAL** properties like different densities, melting points, boiling points, freezing points, color or smells. There are also **CHEMICAL** properties that define matter. A good example of chemical properties is the way elements combine with each other in reactions. The big thing to remember... Matter can change in two major ways, physically and chemically.

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