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interactions with other matter b and energy matter b is anything that has mass and takes up space matter can be described in terms of physical properties and chemical properties physical properties and chemical properties of matter can change matter is any substance that has mass and takes up space matter includes atoms and anything made of atoms but not other energy phenomena or waves such as light or sound while this simple definition is easily applied the way people view matter is often broken down into two characteristic length scales the macroscopic and the microscopic there are many possible definitions of matter in science matter is the term for any type of material matter is anything that has mass and takes up space at a minimum matter requires at least one subatomic particle although most matter consists of atoms matter is defined as anything that occupies space and has mass and it is all around us solids and liquids are more obviously matter we can see that they take up space and their weight tells us that they have mass gases are also matter if gases did not take up space a balloon would not inflate increase its volume when filled with gas in chemistry matter is defined as anything that has rest mass and volume it takes up space and is made up of particles the particles that make up matter have rest mass as well not all particles have rest mass such as the photon matter can be a pure chemical substance or a mixture of substances atom chemistry the science that deals with the properties composition and structure of substances defined as elements and compounds the transformations they undergo and the energy that is released or absorbed during these processes matter material substance that constitutes the observable universe and together with energy forms the basis of all objective phenomena at the most fundamental level matter is composed of elementary particles known as quarks and leptons the class of elementary particles that includes electrons this 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exists in three states solid liquid and gas matter is any substance that has mass and takes up space by having volume matter is described as something that has mass and occupies space all physical structures are made up of matter and the state or process of matter is an easily observed property of matter welcome to chemistry matters a digital series for high school chemistry from georgia public broadcasting the series is comprised of 12 units of study divided into segments under each segment you will find support materials designed to enhance student understanding of the content chemistry matters chapter no 1 kinetic particle theory pdf chemistry matters chapter no 2 measurement and experimental techniques chemistry matters chapter no 3 purification and separation chapter 5 atomic structure chapter 6 ionic bonding chapter 7 covalent and metallic bonding chapter 8 writing equations chapter 9 the mole chapter 10 chemical calculations chapter 11 acids and chemistry videos that teach 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the term matter refers to anything that occupies space and has mass in other words the stuff that the universe is made of all matter is made up of substances called elements which have specific chemical and physical properties and cannot be broken down into other substances through ordinary chemical reactions

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matter can be classified according to physical and chemical properties matter is anything that occupies space and has mass the three states of matter are solid liquid and gas a physical change involves the conversion of a substance from one state of matter to another without changing its chemical composition

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matter is any substance that has mass and takes up space matter includes atoms and anything made of atoms but not other energy phenomena or waves such as light or sound while this simple definition is easily applied the way people view matter is often broken down into two characteristic length scales the macroscopic and the microscopic

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there are many possible definitions of matter in science matter is the term for any type of material matter is anything that has mass and takes up space at a minimum matter requires at least one subatomic particle although most matter consists of atoms

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matter is defined as anything that occupies space and has mass and it is all around us solids and liquids are more obviously matter we can see that they take up space and their weight tells us that they have mass gases are also matter if gases did not take up space a balloon would not inflate increase its volume when filled with gas

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in chemistry matter is defined as anything that has rest mass and volume it takes up space and is made up of particles the particles that make up matter have rest mass as well not all particles have rest mass such as the photon matter can be a pure chemical substance or a mixture of substances atom

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chemistry the science that deals with the properties composition and structure of substances defined as elements and compounds the transformations they undergo and the energy that is released or absorbed during these processes

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matter material substance that constitutes the observable universe and together with energy forms the basis of all objective phenomena at the most fundamental level matter is composed of elementary particles known as quarks and leptons the class of elementary particles that includes electrons

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1 3 the classification of matter matter can be described with both physical properties and chemical properties matter can be identified as an element a compound or a mixture 1 4 measurements chemists measure the properties of matter and express these measurements as quantities

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usually in chemistry it is anything that has mass and takes up space you need at least one subatomic particle to

call something matter so the substance must contain something smaller than an atom e g a proton neutron or electron matter exists in three states solid liquid and gas

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matter is any substance that has mass and takes up space by having volume matter is described as something that has mass and occupies space all physical structures are made up of matter and the state or process of matter is an easily observed property of matter

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