Name _____ Cloze Worksheet – Energy

Instructions: Choose the correct word to fill in each blank in the paragraphs below to reinforce your knowledge of energy. Each word box below is for the paragraph above it.

Energy is defined as the ability to do _____. Work is defined as when a force is used to move an object a _____. When thinking about energy and work, keep in mind that energy can be _____ in situations where no work is done. Also, the object upon which the work is done can be any _____, large or small. Inside of our cells, _____ organelles perform a great deal of work moving many molecules in, out, and _____ the inside of the cell. Energy is constantly being changed or _____ from one type of energy to another; there are many different _____ of energy.

size	around	transformed	distance	work	microscopic	used	forms

There are two main _____ of energy. Stored energy is called _____ energy. Energy being used to move an object is called _____ energy. The most common forms of potential energy are _____ potential energy, gravitational potential energy, nuclear potential energy, and _____ potential energy. Chemical potential energy is stored in the _____ of chemical compounds. Gravitational potential energy is due to an object having the potential to _____ from a height or _____ down a hill. Nuclear potential energy is stored in the bonds inside of the nucleus of an _____. Elastic potential energy is stored in an object that has been stretched and has the potential to return to its original _____.

potential	bonds	form	atom	fall	
chemical	roll	types	elastic		kinetic

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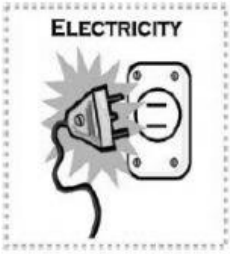
Just as there are many forms of potential energy there are also many forms of kinetic energy. In general, any system of moving parts such as fan blades turning or a car rolling is known as _____ energy. Kinetic energy of moving molecules is called _____ energy or thermal energy. Moving electrons are a form of kinetic energy that we call _____, which we use to power our home appliances. A visible form of kinetic energy that we need to see things is called _____ energy.

heat	light	mechanical	electricity

In the modern era, societies have tried to discover different sources of energy to use other than fossil _____. The main fossil fuels in use today are coal, _____, and gasoline. Fossil fuels are known as non- _____ sources of energy because we are using these fuels at a faster _____ then they can be replenished. In general, there has been a great search for sources of energy that will not _____ out. These sources of energy are called renewable sources of energy. Some common sources of renewable energy are from moving _____ and _____. Electricity that is made from moving water is called _____ energy. Another renewable source of energy is from the heat inside the Earth is called _____ energy.

renewable	oil	run	rate	fuels
geothermal	water	renewable	wind	hydroelectric



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