

Energy, Force, and Matter.

Where mankind's, existence, his spirituality, his curiosity, his observation, his defined science, and arts, and nature meet.

Energy

Energy describes the ability to do work.

Energy in its various forms, include thermal, mechanical, nuclear, sound, potential, chemical, electromagnetic, and kinetic energy. And so on.

Observed energy is not measurable on a scale, like that of a mass or volume.

And energy does not take up space.

Energy converts into a mass. By the addition of stored energy. And converts into a solid mass, over time. By a method of compaction, that fuses together.

Other examples of energy include, thoughts, dreams, and emotions. Recorded as energy patterns.

They exhibit a frequency. And a vibration, or seen as a movement. A visible energy that creates the formation of movement. By converting to a reality, over time.

Matter

From the beginning, and the development consciousness. And of a mind. From the formation of a mind, to the development of thought, emotion, and dreams. Before the said event, "The Big Bang".

To the advent of hydrogen. That at the "Big bang event", produced multiple explosions. And five different types of main energy. Including other gases, like helium.

Shortly after the event, we see the formation of protons. To the bonding of the electrons to protons. After a cooling period. Forming hydrogen, advances into another state, neutral hydrogen. And so on. To the next Plasma state. Many, many, many... periods later.

And a by-product, is, water. Which contain 2 hydrogen and one oxygen molecule. So, we find hydrogen in all forms. And constitutes about three quarters of all known elements. And is the most abundant element in all universes.

By multiply types of "big bang". These collisions of energy, against each other. Birthed all visible nature. All elements. Over a period, of evolution.

Matter throughout all the universes, made, not created. By the Maker of all. Formations and elements that originate by an energy. Which brings the particle of an atom to a vibration.

And holds this minute system together in harmonious frequency.

The dependence of elements across vast distances.

We must assume behind this energy is, the existence of a force that continuously makes all proton, all particle, all matter, and all nature. All creatures, and species, entwined for such is their form, by a change in various state of vibration. Placed in a spectrum of visible frequency, determined as a realm. Nature contains the source of all energy. Within the defined period, and provides a firm place, to sustain. And bring about change and continuation. A new environment, guided by the march of time, toward replacement.

Matter has mass, and occupies a volume. And is measurable. Matter occurs in the form of most gases, liquids, and solids. And takes up space. Matter may contain different forms of energy. Matter can change its state, by the loss of energy. Matter can change its form. Through chemical or physical changes. The same amount of matter exists, before, and after the change, none created or destroyed. Matter converts to energy.

Matter is categorised by the periodic table. Examples of a gas is helium. An example of a liquid, is water. An example of a solid, is gold. They all take up space, and occupy a volume, and have a mass. Their weight, structure, and density, however, may change, and fluctuate. With the addition or subtraction of energy. Much like a person, who is trying to lose weight, after the festive season. Their mass stays the same, their weight changes, by the subtraction of stored energy. Matter converts into either usable, or depleted energy.

Hence the visible existence of matter.

Matter and energy combined

Matter and energy often feature together. Matter may contain energy, in the form of, potential, kinetic, thermal, sound, or chemical. And so on.

An example of a combined, thermal, sound, and kinetic energy; is a fire. Fuelled by pieces of matter; wood, paper, oil, air, and straw.

Another combined example is our emotions. Emotions may have their root in grey matter, because they are related to neurochemistry. And stored, and retrieved in matter.

A Force

A force is ever-present.
A force is dependant.
A force is dual in nature.
A force drives change.
A force can be in a state of rest.

A force in a state of rest is imbalanced.
An activated force, influences, and ensures equilibrium.
A force ensures distribution in proportion.
Equal to the energy released, or spent.

A defined force is an influence, as the push and pull of an object, that has a mass. Which causes this mass, to change its speed and direction, or its state of rest. The applied force, changes its influence, according to the state of the environment. And it is interdependent, on the environment and, the situation, and its location in nature. This is the effectiveness of the applied force.

A force is that which, has a broad defined outline. A force is an influence, driven by an energy.
Protons, particle, or matter, are observable. Observed to be independent, and all present, even on the smallest microscopic level.
Yet, when we observe their function, and behaviour. We see a sovereign influence, that drives this minute system.

A know fact.

Matter, energy, and force combined.

The push and pull force on an object of mass, works in the following way. There is always an opposing force, it is the reason, why objects, can be in a state of rest. For the object, to overcome this state of rest, an internal or external applied force, is essential for movement. The influence of the force, requires a replenishable source of energy, to achieve the said movement. The initial, focus, effort, and consumption of energy, is normally greater, to move the object away from its state of rest.

Maintaining the speed and direction of the object of mass, requires a constant input of available energy. Equal to the amount initial, or greater, used to overcome the objects state of rest.

Whether used to its full extent upon the object, or not. This redistributed energy finds proportion.

An example of this is sky diving, or dropping an object from the sky. The object of mass is pulled to the earth by a force. The object accelerates with force, until it reaches terminal velocity. Which means it cannot go beyond that speed, without the addition of a higher input of energy. Like the attachment of a rocket engine. That would cause the object of mass, to accelerate beyond the natural boundary of terminal velocity, of earth's atmosphere.

It is important to note, that terminal velocity has relation, to the state of the atmosphere, that the object finds itself in.

Additionally, the initial energy taken to move the object, becomes redistributed between the object of mass and the air in front of the object, mostly.

Terminal velocity occurs, when the object of mass, pushes air molecule, in front of it, and away from itself. When the air flows down the side of the object, it causes co-efficient of friction. Trying to slow down the object. The air exiting, flowing behind the object causes turbulation, this tries to slow down, or stall the object. Hence the redistribution of energy, acting on an object of mass, in

motion. Equal, and greater than, to the initial amount of energy used to overcome the state of rest.

Terminal velocity, then is a term used to demonstrate equilibrium. Successfully bringing about the achieved relation, between by an acting, and opposing force. It is relative to a state, an environment, and variables. Its relation to each other, and its location in nature.

Note:

Force, energy, and matter, are separate to each other. Yet interdependent. And still part of a whole.

We know that matter is, driven by a force. And a force is an influence, driven by an energy. And the different forms of energy, are not only, contained in Protons, Particles, and matter.

The illusive "spark of life". Just that it is, ever-present. Birthed into all visible nature.

Like us humans. We accept, that all thing is, separate, and dependant. And the duality is, needed, to cause change. And we also agree that a relation of three, that must agree is, needed. And at the same time, a unified part of an existence. Both in a limited, and an un-limited capacity. Being part of the source.

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