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World energy /everything is energy

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Solar, electromagnetic, gravitational, thermal, potential, kinetic, atomic...this is energy. Everything on Earth is full of energy. And we can neither destroy it nor recreate it.

Everything moves. Trees grow, water flows, clouds slide across the sky, people run or walk. Even if you sit still on your bed and read, you are in motion, inside your heart beats, you breathe, you blink. Even objects that seem still to you move, because the whole Earth moves, knowing that it revolves around the Sun.

You may not see it with the naked eye, but inside them move molecules and atoms, tiny particles that make up everything in the Universe. This movement is made possible by energy, which in ancient Greek means action, activity, force, power.

Where does the energy come from?

Nearly all the energy on earth has a single source - the sun. Not for nothing did people in ancient times claim that the sun was the supreme deity and fear its wrath or possible disappearance. In reality, without the Sun there would be no life. Heat, wind, waves, currents, rain, planets, animals, all exist thanks to the Sun.

But there are also other sources of energy that do not depend on the sun, such as tidal energy, which is generated by the attraction of the moon and the sun, or the energy that comes from the earth's interior and with which we heat our homes thanks to geothermal stations.

Everything we do (running, jumping, swimming, reading, in short life) is possible because we have energy in us, which is supplied by food. Lunch is cooked thanks to the heat obtained by burning substances such as natural gas, coal and wood.

Through heat, wood or coal give back the energy they received from the sun when they were trees and which they synthesised and stored for a long time. This means that over time, energy has continued to pass from one element to another and to reach us, who in turn consume it to build a ship or plant a tree, for example.

In short, the energy we use, although consumed, never disappears and never ends, but simply passes from one form to another, mechanical energy, obtained when something moves, turns into thermal energy and vice versa and so on.

No matter how much energy moves and transforms, its total amount on earth is always the same.

Example

- The clock runs on batteries, the chemical energy in the batteries is converted into electricity,
- When the alarm sounds, this electrical energy is converted into sound energy.
- Machines need chemical energy from fuel to be able to move. This is the role of the engine, which converts this energy into kinetic energy.
- Solar panels convert the sun's heat energy into electricity.
- Electric ovens, irons and radiators work in reverse, converting electrical energy into thermal energy.
- The light bulb converts electrical energy into light energy and the television converts it into both light and sound energy.



Erasmus+ “Use of Energy Effectively - Green Energy”

Earth - a living organism -essay

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The Earth is one of the nine planets that moves around the Sun. This planet is made of rocks and metals and is the only known planet where life exists.

It is a mystery how life came to earth. There are many theories, but the answer is probably a combination of reasons.

First of all, the distance between the Earth and the Sun is ideal, not too close and hot as Venus, nor too far and cold as Mars.

More than that, the Earth is the only planet with water surface, 70% of the Earth is covered by water.

Scientists believe that the electrical storms of the planet formed caused chemical reactions in the atmosphere.

This is how the first life forms appeared, which reached the ocean, where they combined with each other, forming simple, plant-like beings. Plants produce oxygen, so an ideal atmosphere has been created for the evolution of oxygen-breathing beings.

Our planet functions as a single organism that maintains the conditions necessary for survival.

Pablo Coelho said in his book called “The Alchemist” that “Everything on the face of the earth is constantly changing, because the Earth is alive and has a soul. We are part of this soul and we rarely realize that it works for our good.”



Erasmus+ "Use of Energy Effectively - Green Energy"

Life is energy

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I think everything in life is energy. I think that energy is blue or green and brings with it the joy of life. Everything in life is changing, including energy. We need to develop more and quick green energy in order to survive on this planet. Our planet the earth hardly can breathe so it needs to help her to breathe better.

I wonder what can I do to help the mother planet, so I think that first thing that I can do is to use carefully the gifts that earth gives me every day. So I can use more carefully the water, not to waste it any more from simple gesture that when I brush my teeth to stop the water. Another thing that I can do is to reduce electrical energy, so I no longer let the light or TV on. I can start to go with school more often walking, not with car or bus, to protect the environment taking good care not waste food or water, and collect the garbage different paper, plastic and rest.

I want to learn more things about green energy and I hope that green energy will be the future energy.



THE EARTH IS ALIVE!

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Nature joyfully and simply gives us all her bounty unconditionally. Man has been in the midst of nature since the beginning of his existence, using all its gifts. Maintaining ecological balance is essential for the normal course of life. Nature must be respected and not dominated. Each component of nature has its precise role, and man must integrate harmoniously into this ecosystem. The relationship between man and nature is of interest and curiosity to many scientists. They want to know as much as possible about the phenomena that occur alongside them, to discover new sources of raw materials that do not cause imbalances in nature. Our age is characterised by the efforts of peoples to preserve, protect, improve and maintain the living environment on our planet.

Nature needs friends. Any child can become a friend of nature, provided they respect nature.

Plant trees!

Trees mitigate climate change and pollution by absorbing carbon dioxide and filtering pollutants from the air.

Use renewable energy!

Fuels such as coal, oil and gas have been formed over millions of years from living organisms. They are non-renewable and will run out one day. Renewable energy is produced from natural resources such as wind, sun or water. It does not pollute the air or water and has been used for thousands of years.

Recycle!

Recycling is good because it helps us to have less waste that affects the environment and all living things. In this way we protect animals and their homes, making sure that less rubbish ends up in forests and waters.

Use public transport or bike!

Public transport uses less energy and produces less pollution than private cars. This reduces the amount of greenhouse gases that enter the atmosphere. This change is even more important in big, crowded cities where pollution is high.

Reduce energy consumption!

Reducing energy consumption has direct environmental benefits. Firstly, it limits the amount of toxins released by power plants.

The planet can survive without humans, but we cannot survive if we destroy our own homes.





Erasmus+ "Use of Energy Effectively - Green Energy"

Everything is energy - Planet is alive -essay

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The fact that "everything is energy" is found in Albert Einstein's formula $E = mc^2$.

But this fact and its teaching can also be found long before Albert Einstein and thus long before this era of modern science. This Eternal Wisdom has been presented to mankind by a number of great scientists and philosophers, including Pythagoras. Plato described it as "the energies seen and unseen" or, in other words, that there is more to our lives than what we can see, touch and taste or smell.

Today it has been said that "Everything is energy and therefore everything is because of energy" (Serge Benhayon , 1999), and this provides much more clarity on how it really is... and perhaps explains why we choose to ignore this fact.

Energy can be dense, and we register this with our five physical senses, or it can be less dense, as in the case of certain frequencies of light that are invisible to us or the smallest particles of matter that make up atoms. Often energy is invisible, such as electricity or the movement of air, and we are only aware of its presence when it interacts with a denser physical object, for example electrons moving through the wire that reaches a light bulb or wind blowing across our skin.

On Earth we experience energy in all its forms, but we have developed a relationship with life based on the denser physical energies as most important to our survival. But what if we are wrong and the unseen energies actually have a much greater influence than we choose to believe?

The way we move, speak, think, how we drive our car, how we wipe the kitchen bench and especially how we look at each other are all examples of energies affecting others and how we feel about ourselves. Everyone knows what it's like to walk into a room where people are tense or angry... you could cut the air with a knife! We feel the energy of someone staring at us before we actually see who they are. We know how we feel if someone slams a door or drives aggressively in traffic.

So why don't we pay more attention to what's going on energetically, often choosing to pretend that if you don't see it, it's not worth worrying about. And we keep the ostrich as a curious bird precisely because of this habit! In science we are taught to ignore what we can sense, especially if there is no concrete physical evidence. Evidence-based science and medicine chooses to ignore what humans feel when recording unseen energies (this is a fundamental flaw in our current research protocols and is at odds with what has been explored in the world of quantum physics).

Everything is energy is an absolute truth and does not need proof (even though quantum physics provides the scientific proof) because this is already known to each of us. We are born with the ability to sense energy. Our bodies are very precise and sensitive instruments that measure and communicate with everything around us. It is said that we use only a fraction of the brain's total capacity, but we have also been educated to ignore what our bodies constantly communicate to us. Furthermore, we also know, in every aspect of our being, that everything is due to energy. We are taught to shut down our energy awareness from a very young age and therefore do not appreciate all that happens as a result of our choices and actions.

Throughout our history, there has been a lineage of people who have not been "closed" and who have been able to access true scientific wisdom. Pythagoras, Plato, Hypatia, Leonardo da Vinci, Copernicus, Galileo, Isaac Newton and many other great scientists worked directly with what was being communicated at the time through the Ageless Wisdom, bringing "breakthroughs" centuries before the rest of society was ready.

It is also very difficult, with our level of pride in our modern lifestyle, to acknowledge that despite all that we have been shown about the world of energy through quantum physics, both modern science and modern education have actually reverted to the "Earth is flat" mentality, where there is no emphasis or even mention that there is an energy behind everything. Instead, universities are producing a record number of research papers that are largely irrelevant to advancing true knowledge or addressing important questions such as:

- Why is there still war in so many parts of the world?
- Why is there more slavery today (through human trafficking) than at any time in our history?
- Why have we made great strides in medicine through disease management, but still cannot address the energy behind the origin of disease and illness?
- Why have we gone from hunger as a global problem two decades ago to epidemic levels of obesity and all its consequences as the new catastrophe?

If we are honest, we can all sense that there is a "disconnect" between what is being taught in our schools and researched in our universities and what really needs to be addressed, what is happening around and within us. Here in our schools, universities and labs, the energetic interaction between all parts of the equation is not considered. The equation being referred to here is that everything is energy, everything affects everything, and nothing happens or exists in a vacuum.

As a result of this ignorance of the unseen energies that occupy the space around us, the vast majority of this very expensive, often well-intentioned and sometimes dubious research is disproven or discarded in a very short period of time - often less than a decade. Compare this to the enduring works of the timeless wisdom scholars who held that everything in the Universe is connected through energies, seen and unseen (Pythagoras, Plato, Leonardo Da Vinci, Copernicus, Kepler, Newton and many others). Their works, methods and philosophies have stood the test of time, as have the Great Pyramids, as the legacy of our truth in Science. Their legacy unquestionably supports the principle that not only is everything energy, but everything is because of energy.

This should be the first principle to be taught in school, and then the question of why things happen will naturally arise. This not only paves the way for a true scientific process, but also an awareness that we do not live in isolation or in a vacuum; that everything we think, say and do, and even our very way of being, has an energetic trace.