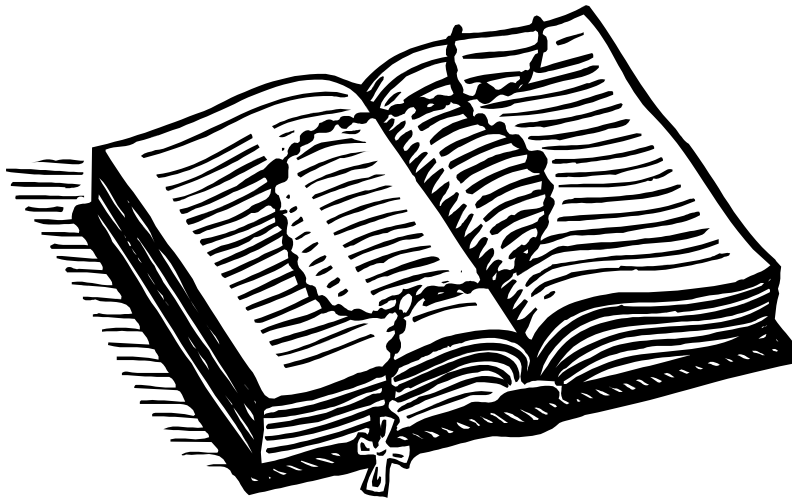


I.S.A
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Educational Hour Workshop
Natural Law



By Miss Elaine Passow (rev. 2008)

Natural law

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From the beginning of time, man has searched for the meaning of life. He has questioned his relationship with the Universe. At different points through time, he has tried to answer this relationship in different ways. Ranging from myths, in which the Universe was explained by the wonders and whims of the gods, to the purely scientific or biological explanations. Somewhere along this continuum between myth and pure science, Christianity burst upon the scene.

The Bible tells us of creation in the Old Testament as well as in the New Testament where we read, "In the beginning was the Word..." The Bible tells us of our relationship with one another. Most of all, the Bible tells of our relationship with God. Yet, there are those who would tell us that the Bible has no scientific basis. That it is just a continuation of the ancient myths. Others, using newer improved techniques of observation and reporting, we are finding an amazing similarity between modern scientific thought and the Bible. The terms used and the method with which they are presented may differ, but the ideas seem to be saying the same thing.

Actually, this relationship between science and religion should be of no surprise to us. The early men of religion were the scientists of their day in areas of healing, astronomy, psychology, as well as philosophy. A great split appears to coincide with the advent of Newtonian Physics in the early 1700s. Newton gave us a theory that the ultimate building block of the Universe was Mass. A newer theory, the Particle theory now tells us it is energy.

About a century later, Darwin gave us the Theory of Evolution. He at one time was a student of theology. This continued to widen the gap between science and religion. Although Darwin broke with the church to pursue the idea of evolution, the Jesuits with whom he studied, are now searching science to strengthen their religion.

The gap began to close in the early 1900s when scientists theorized about a relationship between energy and mass. Their findings started the Atomic Era in science. Although the atomic bomb was developed because of this theory, it is outside of the scope of this workshop. The emphasis should be to make a somewhat cursory examination of what might be considered the *basic building blocks* of the Universe and not as something that threatens to destroy the universe. Science should demonstrate what religion proclaims, and that is the unity of man and the universe.

Perhaps it is not so strange that a nuclear laboratory, situated in a mountain, is considered holy by an Indian tribe in Arizona. Maybe it is not a coincidence that the Fermi Laboratory in Batavia, Illinois has the appearance of a cathedral. Perhaps it is not so strange that both science and religion are trying to find the mystery of life. The reality of matter is, as we improve our understanding, relating to the phenomena of nature, both physical and spiritual, so shall we improve the quality of life.

The second of our Declaration of Principles states, *We believe that the phenomena of nature, both physical and spiritual are the expression of Infinite Intelligence.* In the third principle, *We affirm that the correct understanding of such expression, and living in accordance therewith, constitute true religion.* It seems that as our understanding increases, the quality of our religious life should increase also. As stated in the seventh principle *We affirm the moral responsibility of the individual, and that he makes his own happiness or unhappiness, as he obeys or disobeys nature's physical and spiritual laws.*

The rise of Particle Physics has opened a new aspect of nature. The mighty atom plays a major role in this.

The atom – size, history and potential energy

It is suggested by some scientists that the atom had its beginning in the *big bang*, which caused tremendous energy to be released. Some of the energy, as it cooled and slowed in speed, became mass. Over ninety different kinds of atoms were released. From these, all things in the universe were made.

The largeness of the universe is truly staggering. For instance, the sun is about ninety three million miles from us, while the nearest star is 100,000 times more distant from us than the sun. The nebulous galaxy of Andromeda is approximately 500,000 times more distant than the nearest star. Andromeda was discovered in 1924, although no telescope was powerful enough to see it. The galaxy pulled objects whose orbits were well known, out of their orbits. The galaxy was actually identified by its energy.

In contrast to the stars or planets, the smallness of the atom is equally staggering. It is invisible to the eye and can only be identified by its effect and/or energy, so the atom and the particles that make up the atom, are identified.

One must use imagination to get some idea of the size of the atom. One-inch would equal the length of 250,000,000 carbon atoms. Another imaginative way to get an idea of size would be to picture a large orange blown up to the size of our earth. From that, take a piece the size to a cherry and blow that up so that it can fill the Astrodome. This atom would have a nucleus the size of a grain of salt. 99% of the atom's weight is in this nucleus. The rest of the Astrodome would be filled with energy waves or electrons. Depending on the kind of atom, the Astrodome could have up to 92 separate electrons held in a vibrating pattern by a nucleus the size of a grain of salt.

The first three decades of the 1900s saw an overthrow of the Newtonian idea of physics. Newton, viewed space and time as absolute. He saw the most elementary particles as solids and a causal nature of physical things. Einstein, in 1905, caused an upheaval in physics when he offered the world his theory of relativity. The idea of electromagnetic radiation, which developed into Quantum theory, dealt with the theory of atomic phenomena. The consequence of Einstein's view of time and space was that mass was now perceived as a form of energy. It took the mechanics of Enrico Fermi, of the University of Chicago, to make Einstein's theory a reality.

Einstein theorized that matter multiplied by the square of the speed of light ($E= MC^2$), would become energy. When the truth of this idea was proved, scientists were forced to face the possibility of a non-material world. This little solid particle called an atom was not solid at all. It contained within itself what might be called a small solar system made up of a group of

protons, neutrons, and electrons. The electrons were made up of quarks. They were originally thought to be three quarks. Some scientists noticed some of these particles being pulled out of orbit, so they refined their instruments, and found a fourth quark. These particles were given the names of *up*, *down*, *strange*, and the newest one *charm*.

As the discovery of new particles or sub-particles are made, the idea that there is a symmetry in nature becomes apparent. This symmetry helps the investigator to know what to look for when a new discovery does not fit the pattern.

A re-evaluation of the idea of energy became necessary to explain the new Particle Theory. Four separate types of energy have evolved from this work. The first type is called *the strong interactions*, which hold the protons and neutrons together in the atomic nucleus. This nuclear force is the strongest force to be found in nature. The second type of energy is called *the electromagnetic interactions*, which takes place between all charged particles, and is responsible for all chemical processes. It is also responsible for bonding all atomic and molecular structures. The third type is called *the weak interactions*. This type of energy is seen only in certain particle collisions and particle decay (the change of state of a particle).

The fourth force is probably the best known to us; it is called *the gravitational interactions*. Strangely enough, this cannot be detected in the particle reaction. However, in the microscopic world massive bodies combine their gravitational force and produce the dominating force in the universe.

This view of energy has some far-reaching implications. Since it is in operation throughout the universe, it must include us.

Natural Law in Healing

Each atom is a unit of energy. Each cell of the body is composed of atoms bonded together by other energy. This results in something similar to a galvanic battery producing a current. When this energy is in symmetry, we say that we are healthy. When it is not in symmetry, we need to find a way to restore it. This can be done by manipulation of the energy from within the body, or use of energy from outside the body.

Energy From Within

Galileo once asked, “What am I, and how am I linked?” Some have suggested that the strongest link to the universe is the mind. The fact that mind is operating, since it cannot be seen, can be determined by measuring the energy currents of the physical brain. A great deal of research is being done in biofeedback techniques, where a person is trained to change the types of wavelengths of their brain from alpha to beta or delta cycles. This training is claimed to be beneficial in relieving headaches or high blood pressure.

According to Harida Chaudhuri, Ph.D. in yoga psychology, through meditation, prayer and exercise, under the guidance of the mind, initial energies can be gathered. “With concentrated force they strike at the root of the spinal cord. Because of this, the nuclear energy of the human system is awakened. This is similar to the way in which the nuclear energy of the atom is awakened and released as a result of the bombardment of alpha particles in an atom of Uranium.” This energy is most often called *Kundalini*.

Sr. E. E. Green, writes in a 1971 publication of the *Academy of Parapsychology and Medicine*, an article titled *The Varieties of Healing Experiences*. In this article, Dr. Green tells of a Swami Rama and his ability to control blood flow and change temperature between two spots two inches apart on his hand. Swami Rama feels the mind is an energy structure in which every cell of the body and its energy are represented. Manipulation of that part of the mind, which represents a cell, is in reality manipulating that cell. The mind is more than a manipulator of the cells of the body. It is extended into the energies of nature, forming an interlocking energy structure. He sums up his views in this simple statement. “All the body is in the mind, but not all the mind is in the body.”

Energy from Without

Restoring the symmetry of body energies, which can be seen in a person’s aura, can be achieved through such measures as diet (restoring body energies with food energies), as well as with the laying-on-of-hands. Evidence of using the hands for healing energy dates back twenty-five hundred centuries. Hippocrates wrote of hand healing in the fifth century. Many examples can be found in the Bible. Although for a time it was unpopular, today it is a part of the religious services within several churches.

The ancient art of acupuncture has been growing in popularity throughout the world. This method of healing is based on the idea that the body is an energy unit. The flow of energy must be in equilibrium. If the flow is not balanced, the acupuncturist must needle certain prescribed points or apply a certain strength of current to these points to assist the body to return to equilibrium.

The use of certain electromagnetic forces is resulting in experiments in the laboratory where tissue, muscle, and bone have been regenerated in animals. This research is being done by R. Becker. In Florida, doctors are using an implant similar to a *pacemaker* to control palsy.

Energy in the form of light has been used to penetrate metal, and also in delicate eye operations. This type of laser beam is an excellent example of the light energy used in healing. In laboratory experiments with plants, sound energy in the form of soft gentle music has been found beneficial, whereas loud jarring music causes the plants to wither.

These are but a few examples that indicate the great potential for use of energy for the well being of an individual.

Conclusion

As we contemplate these new findings coming from various sources, we can only be in awe of the new meaning it gives to our everyday life. We can glimpse the meaning of unity more fully in the inter-relationships of the energy forces that are in and around us. Perhaps our Declaration of Principles will become more meaningful to you as it has to your instructor.

We will also find a new dimension in the reading of the Bible. The so-called miracles become real. The visions become clear, and the use of sound energy believable. Our imaginations stretch far enough to connect the verse, "In the beginning, was the Word, and the Word was with God, and the Word was God," with science's *Big Bang Theory* of creation. In the third verse of John, "All things were made by Him and without Him was not anything made that was made." The Big Bang Theory tells us all the atomic particles and sub particles were created in the bang, and from the particles all things were made. The use of a word creates sound.

Sound is energy, although it is hard to imagine the energy potential of the sound of God. His power would be limitless. A telecast produced by the National Council of Churches offered an even more thought provoking statement, "Atoms of our bodies were created billions of years ago in this great explosion. The program ended with this remark, "Science demonstrates what religion proclaims, the unity of man and the Universe."