

THE SCIENCE OF ENLIGHTENMENT

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What is the definition of 'Enlightenment'? Could it be described as transformation by light? Science would describe light as the energy of the electro- magnetic spectrum, which our five senses only detect in part. Science is from "sciere" is Latin for 'to know'. This is an objective knowing rather than 'gnosis' and as such, needs to be proved by observation, experiment and testing before it can be accepted as a proven fact by Science. The Scientific Method has traditionally used the five senses to test its theories and over the centuries has developed equipment which can extend the senses such as the telescope, microscope etc. Physics is increasingly dealing with energies that cannot be detected by the human senses and has moved into the theoretical field where higher mathematical equations are used as working hypotheses.

We know that the electromagnetic spectrum is composed of varying waves or frequencies of Electromagnetic Radiation, commonly known as EMR. These different frequencies have different names: radio waves, microwaves, infrared radiation, visible light, ultraviolet radiation, X-rays and gamma rays. The visible spectrum or light, which the eyes sense, is only a very small range of the frequencies of EMR. Higher and lower frequencies remain invisible to the eye but can be detected by instruments developed by scientists during the last century.

Can the inner worlds or planes be proved to have an objective existence? Is telepathy a fact? Is reincarnation true? And is it possible to predict the future? These are just some of the questions that Science would require us to prove, using the Scientific method, before it could accept their validity. This knowledge has been hidden (occluded) from man due to his inability to understand the laws behind the outer forms and is therefore of an occult nature. How can a blind man see the wonders of the world we live in? How can a profoundly deaf person hear a radio or know the beauty of music?

We are told in the Esoteric Sciences that "All is energy and there is naught else" ⁱ vibrating at ever increasing frequencies beyond which the senses cannot detect. These levels of energy therefore remain invisible to humans in our present stage of evolution. Technology has developed instruments which are able to detect the existence of more and more of these 'invisible' worlds, such as x-rays, gamma rays, cosmic rays as well as atomic, and sub-atomic levels. The human form in its present state doesn't have that range, but as each new breakthrough takes place, Science then has to acknowledge their existence and thus expands the consciousness of Humanity as a whole. Could it be that Enlightenment is the development of the form which enables the access to higher level frequencies of Light? We know that:

All physical matter is composed of atoms containing various types of particles vibrating and moving in relationship to each other at determined frequencies. Atoms are minuscule objects invisible to the human eye. Atoms can only be observed individually using special instruments such as the scanning tunnelling microscope. Over 99.94% of an atom's mass is concentrated in the nucleus, with protons and neutrons having roughly equal mass.ⁱⁱ Solids, liquids and gases are determined by the nature of the relationship of the particles within the atoms.

Temperature can change the relationship of the particles and this also changes the manifest form. When water evaporates it does not cease to exist, it is invisible as a gas (water vapour). There was a time when science would not have accepted their reality without proof. This is also true for sound, another form of energy on a slower frequency, which the ears are designed to detect, but again there are frequencies of sound which humans cannot hear.

The Ancient Wisdom states that we have seven bodies, or vehicles existing on seven planes. We can only see the physical, so does this mean that each vehicle is composed of atoms of more and more refined matter vibrating at increasingly faster frequencies? Worlds within worlds, consisting of etheric atoms, astral atoms, mental atoms, all invisible to the human eye. 'As above, so below' would indicate this to be correct.

The Scientific Method needs tangible evidence for all theories before they are accepted as realities, but hypothesis is allowed and is in fact used all the time in theoretical physics. These hypotheses stand until they can be disproved. Science uses mathematical equations to convey a higher form of knowledge than the concrete mind used by the general mass of humanity. This gives a concrete form to abstract thinking which arises from the world of ideas at the three highest sub-planes of the mental body. Science tells us that each element has at least one isotope with an unstable nucleus that can undergo radioactive decay. Electrons that are bound to atoms, normally have stable energy levels, but can undergo transitions between them by absorbing or emitting photons that match the energy differences between the levels. This can result in a transmutation that changes the number of protons or neutrons in a nucleus, this process leads to a transformation of the form.

It would appear that the practice of meditation, study and service to others starts to change the frequencies of our various bodies, it is said that the atoms start to become radioactive, and are able to transmit more light to the whole system which our consciousness is using. The greater the light, the greater the consciousness, would seem to be the possible outcome of these practices.

Service – Could the outcome of this selfless work lead to the transforming of the lower energies of the astral/emotional desires into the finer atoms of the Buddhic energies, manifesting in the heart as aspiration and love of humanity rather than the self?

Study – Could the regular pursuit of study and a higher order of thinking, lead to transforming the mental atoms, from the denser concrete mind, to the higher frequency matter of abstract mind up to the causal level of pure ideas?

Meditation – Could the daily tuning in to the frequency of the spiritual worlds enable a transformation to take place, as we build a bridge of light, infusing the energy centres with ever increasing levels of light energy?

If we consider the Great Work, spoken of by alchemists, (who were surely the scientists of their day). Could it be that turning lead or base matter into gold, was a form of spiritualising matter by changing the atomic structure? The ancient wisdom states that 'Matter is concretised Spirit' and their difference is frequency and vibration. This means that it must be possible to change the lower denser vibrations by irradiating the lower vehicles, atom by atom. Could this be the path to enlightenment and ultimately God consciousness?

When Esoteric knowledge is understood then it ceases to be 'occult' and eventually becomes general knowledge. In the history of Science there have always been pioneers who have led the field and brought the knowledge through, often in the face of ridicule and opposition and even with the sacrifice of a life. This will continue as long as there are men and women capable of bringing enlightenment and new discoveries into the world to benefit and expand the consciousness of Humanity.

ⁱ Rays and Initiations, Alice Bailey, p248.

ⁱⁱ Wikipedia.