

coming from Astrology and also the Biodynamic Gyroscope can be applied to the circle, if for no other reason than to establish an 'artistic' cross reference.

The main considerations are that a circle divides according to the gyroscopic form, with a vertical and horizontal axis. Astrology identifies these as the Midheaven and Ascendant axis, which provides the cardinal angles upon which the 'houses', or areas of Earthly manifestation, are arranged.

Within Astrology also, polar relationships between opposite points, are very significant. For example if the influence of Libra is predominant in a chart, then the opposite influence of Aries, must also be considered.

In the case of the Periodic Table, we are presented with a series of relationships between the arms, and the elements of those arms, which are not immediately obvious in the rectangular chart. For example Magnesium and Sulphur (Epsom Salts), are polar elements, as is Calcium and Selenium; both elements necessary for maintaining good health.

In soil science it is well known that 'related' elements act against each other. For example if Calcium is very high in concentration in the soil, then both Magnesium and Potassium will be 'weakened' in their activity. The question arises, what about the effect of the polarise element? What is occurring with the Selenium if the Calcium is high?

The biggest question of the circular periodic table is where to position the arms in relationship to the gyroscope. It could be considered of no concern, however due to the immense organisational similarities between the Periodic table and all of the information we have gathered so far, from the Biodynamic gyroscope, it would seem a reasonable question to ask.

The positioning I have chosen in the diagram on page 11 is based upon many considerations. The more I work with it, —and the more I learn about the elements— the more I am happy with this choice. Apart from the obvious association of the first arm of elements , The Alkalis, with the beginning of the houses - on the ascendant - a couple of other significant considerations were that the Halogen elements— Fluorine, Chlorine, Bromine etc— are very corrosive and readily toxic. Their activity is imaged in the activity of the Spirit when it acts too heavily into life. It burns and vaporises the life processes it touches. The arm to the left of the vertical Halogens is that of the inert gases, which do not change their character or react with anything around them. They maintain their individuality above all else, which is what the spirit can do when it works strongly within a personality.

Now that we have all the parts of this 'puzzle' in place there are several layers of cross reference that can be brought to bear on the chemical elements.

The cross referencible material for the Periodic Table can be outlined as:

- A) The chemical understandings of common chemistry**
- B) The elements relationship to Dr Steiner's Agriculture Course**
- C) The elements relationship to the spiritual body activities indicated by the Biodynamic Gyroscope**
- D) The polarity relationships arising from the circular periodic table**

Also available to us is the information developed by the homeopathic community, who have been working with and 'proving' the effects of many of the chemical elements for some 200 years. Most notably, I mention Jan Scholten's book "Homeopathy and the Elements" , where he has outlined a picture for each of these elements, according to a spiral system he perceives in the Periodic Table.

Together, it is hoped, that these cross reference bases can provide an image of the spiritual activity of the chemical elements in a manner based upon cosmic law, rather than randomised experimentation. These 'hints' of what these elements could be, can then investigated further. My investigations to date have shown that this is a worthwhile pursuit.

The Layers

The Periodic Table has seven layers for each of its primary arms. The Biodynamic Vortex has six layers. However in my diagrams of the Vortex, the sixth layer the zodiac, has two defined layers. In the Gyroscope diagram itself, this 12 fold layer is the purple ring at the very outside. As the Vortex comes to the top it curves in all directions, to then form the outer skin of the gyroscopic sphere. This means that while the vertical distance of this purple area is the same as the other layers, the horizontal distance is extended. It is in this extended zone that this two fold division within the Spirit sphere is possible.

This means that layer 6 and 7 of the Periodic table are both encompassed in the 12 fold spirit sphere of the Biodynamic Vortex.

The layers indicate a growing complexity, from the single celled organism to the complexities of the cosmos. The BD Vortex and Scholten have this complexity moving from the personal outwards to the global and cosmic, while the elements themselves move from the very light, starting with Hydrogen to the very heavy. This is an interesting and not uncommon paradox.

While there are 6 primary rings in my pictures, each of these rings are dual in nature, providing twelve layers to the gyroscope, however it is only at the zodiac ring this becomes more manifest.

Layer 1 — The Core

Layer one is represented in all my diagrams as the red layer, and in the Periodic Table it includes the elements of Hydrogen and Helium.

This is the primary core of all entities. If we are to look at life on Earth then it represents the Earth. For the Solar System, it is the Sun, for the atom the nucleus, for the Galaxy the Galactic centre. It is this basis from which all surrounding order finds its basis. I see this in the Periodic Table primarily as Hydrogen, however traditionally it has a pair with Helium, which may sit on the second layer, of the middle ring.

Scholten describes this layer as “The Hydrogen Series” whose main concern is “to be or not to be”. Should one incarnate or not? Other homeopathic texts describe Hydrogen, the most dominant element in space, as a very spiritual element and provides a universal connection or disconnection with all things. Scholten's progression through the layers has this corresponding to the conception and foetus phase of human development.

Dr Steiner's comments on Hydrogen has it as the carrier of the spirit impulses, both into and out of life. This means it is the carrier of the basic archetypal ‘word’ from the stars upon which life is then built. If we see life forms as an expression of fractal magnetism — to use Dan Winters words — then Hydrogen is the carrier of the base formula of the fractal. In all life forms this is the fractal derived from the ‘Golden Mean’ ratio.

Layer 2 — Duality

Li 3 Be 4 B 5 C 6 N 7 O 8 F 9 Ne 10

This is the orange coloured layer of my diagrams, and is characterised in the Biodynamic Vortex, as the twofold layer of duality that stands outside of all life forms. Life manifests through the interplay of opposites. As soon as movement of any substance occurs, we see the development of polar opposite electrical charges, which then governs that particles interaction with all other substance. Cells pulsate and divide into two before dividing into four. Many animals only give birth to further physical bodies through the interaction of the two sexes of their species. This duality is not internalised in these cases and therefore remains an external reality existing ‘prior’ to life.

The elements of this layer; Lithium, Beryllium, Boron, Carbon, Nitrogen, Oxygen and Fluorine are recognised as some of the most basic in the structure of life and most abundant in the Universe. Hugh Lovel has called them the ‘Cosmic Substances’. Structurally these elements consist of the nucleus and one electron ring. This allows the charge of the nucleus to be strong and combine easily with most other elements. These elements are considered to easily give and receive electrons, so allowing for their highly reactive nature.

Along with Hydrogen, their fractal base, Carbon, Oxygen and Nitrogen are the basis of all organic chemistry. All Carbohydrate, Sugars, Fats and Proteins are formed primarily of these four elements. These four elements, Dr Steiner showed, are the basic carriers of the four bodies that come together to form living entities. Hydrogen carries the Spirit; Carbon is the basis of the physical bodies; Nitrogen carries the Astral body; while Oxygen is the carrier of the Etheric body in all its manifestations.

Scholten characterises this layer as the Carbon Series and suggests it is the stage of the individual becoming aware of themselves and the other. Who am I and where do I stand with the other, are the questions of this layer. It is the stage of the toddler and the early formation of the body.

Layer 3—The Physical Body

Na 11 Mg 12 Al 13 Si 14 P 15 S 16 Cl 17 Ar 18

The Yellow layer of the BD Vortex is the three fold layer which manifests most strongly in the orientation and formation of the physical bodies of living organisms on our planet. This is the principle characterised as Thesis, Antithesis and Synthesis, in philosophic terms and manifesting as the primary duality between the Head, Nerve Sense system and the Metabolic Digestive system, finding their harmony in the Chest, breathing and circulatory rhythmic system. This middle zone is the result of the interplay between polarities at layer 2. Here we have the formation of physical bodies.

All the chemical elements in this Periodic Group are essential building blocks of the life forms we have around us, and each element can be said to work as a significant guiding principle in the various parts of our life system. Silica carries the structural images other activities form around. Sodium and Phosphate are key elements in the nerve system. Magnesium and Sulphur are key elements of sea water and a healthy immune system. Hauschka says of Magnesium that it compresses life into solid earthly form. Of Sulphur we only have to reflect on its essential catalysing role in protein formation to see little would manifest without Sulphur. Aluminum, plays an essential role in harmonising the interplay of Calcium and Silica, those two essential elements and processes of all life forms.

Scholten characterises this as the Silicium Series and is an image of the teenager stage of human development. This is when the individual finds their relationship to their immediate community. Firstly their home and then their society of friends.

This would be generally the age from 7 to 15 years.

Layer 4 — The Etheric Body

K 19 Ca 20 Ga 31 Ge 32 As 33 Se 34 Br 35 Kr 36
Sc 21 Ti 22 V 23 Cr 24 Mn 25 Fe 26 Co 27 Ni 28 Cu 29 Zn 30

Layer four is the layer of the Etheric body. This is where the fourfold law works most strongly, and allows for physical substance, to become life forms. At level four we have sustainable life. Here we have plant life coming into form. They are physical etheric beings with the Astral and Spirit activities still outside themselves. The etheric body is the basis of the immune glandular system and essential for good health.

The top layer are all elements either strongly support or debilitate the etheric body. On the positive side, Potassium, Calcium, Germanium, Selenium are all common health promoters. Arsenic and Bromide in particular are well known for their poisonous effects; with Arsenic causing strong tiredness and exhaustion symptoms, an image of a weak etheric activity. In minute dosage, Arsenic is provided to chickens to stimulate weight gain.

The second line, above, are the first line of the transition or 'trace elements', which all act as specific catalysts in the processes of life. These are often called the 'Brothers of Iron' due to their relationship to this primary of all elements for good blood formation and health.

Scholten calls this the Ferrum series and identifies this period as the time of the young adult. From the years of 14 to 21 when an individual is learning a skill and becoming a productive member of ones society. In short, feeding life producing energy back to ones environment, responsibly. This is still at a village or small town level where all people in the environment know each other and their place in society is determined by their skills and usefulness.

Layer 5—The Astral Body

Rb 37 Sr 38 In 49 Sn 50 Sb 51 Te 52 I 53 Xe 54
Y 39 Zr 40 Nb 41 Mo 42 Tc 43 Ru 44 Rh 45 Pd 46 Ag 47 Cd 48

The fifth layer is the level of the Astral body. It originates with the Solar system and has the planets Moon to Saturn as its 'organs'. This layer is where nitrogen enters deeply into action with Carbon, Hydrogen and Oxygen to develop proteins in the form of animal and human albumen. Here the animals are born and the formation of organs becomes the indicator as to just how deeply the astrality has penetrated an organism. With the astrality comes consciousness and the psychic, psychological and sensation based realities.

The Astrality is not necessarily good for life forms. It acts as a stimulating and organising principle. However it consumes the etheric activity. Very few of these elements would be considered beneficial for life, with only Tin, Silver and Iodine being considered to have some benefit, and then only in very small amounts.

Scholten calls this the Silver series and suggests its main function is in the passing on of ideas, be it through Art, advising, mysticism, music and "channeled information from other spheres". These are all activities of the stimulated senses and the last is a direct image of communication through the Astrality and its element nitrogen. Dr

Steiner called Nitrogen and the Astrality 'a very clever fellow, it knows all things' due to the astrality's ability to be a dimension that knows no time or distance. Each part is in continual contact with all other parts simultaneously.

This is more middle age, where the individual is acting on a provincial level, characterised in an environment where we can no longer know everybody.

Layer 6—The Collective Unconscious

Cs 55 Ba 56 Tl 81 Pb 82 Bi 83 Po 84 At 85 Rn 86
Lu 57 Hf 72 Ta 73 W 74 Re 75 Os 76 Ir 77 Pt 78 Au 79 Hg 80

Between the Astrality and the Spiritlands there exists a zone Carl Jung called the Collective Unconscious. It has Uranus, Neptune and Pluto as its planetary masters and is a state where the collective oneness elements of the spiritlands are merged with the Unconscious responsive aspects of the Astrality. It really is an in-between zone, where the individual goes on the spiritual journeys of the Occultist, Mystic and Shaman, in the process of bringing to full consciousness the spirits reality.

All of these elements, except gold, are highly toxic or radioactive. The Rare Earths are also on this layer.

Scholten calls this the Gold series, where the urge is for power and leadership, and with this, comes responsibility. It is the area of the whole country and the period of old age.

Layer 7 — The Spiritlands

Fr 87 Ra 88 Lr 103 Rf 104 Db 105 Sg 106 Bh 107 Hs 108 Mt 109 Uun 110 Uuu 111 Uub 112 Uuq 114

This is the second stage of the sixth layer of the Biodynamic Vortex and indicates the Galaxy proper. All the elements are radioactive and highly toxic. Scholten calls this the stage of Magic. Here we have people who can reach their goals through the powers of thought and intention. Here one is fully conscious of the forces active in creation and one can work with them to bring about manifestations. I have linked the activities of this realm to the planets Persephone, Vulcan and the Sun in my "The Twelve Planets" chapters. This is very old age and the connections an individual has to the whole of humanity.