

Secrets of Astrology & the Tarot

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by Tom Gilmore

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The Titan Infusion

For detail on the evidence for the following statement, refer to the PDF "Mystery of the Great Pyramid", available at www.geocubiccosmology.com.

Since the Sphinx has a probable age of 12,500 years, and is a (modified) statue of a lion, and faces the horizon where 12,500 years ago the astronomical Sign Leo was rising, and that the plateau layout points to Sirius (the closest solar system to Earth), and that the Titans were known to have pet lions they called "dogs", while Sirius is known as the "dog star", the postulate follows that the [Titans came to Earth from the star Sirius around 10,500 BC](#).

The Titan Sensitivity to Sunlight

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Herodotus (~ 480 to 425 BC) was a Greek historian who made brief reference to the *Atlantes*, first mentioned by Homer in the *Odyssey*. According to Herodotus the Titans cursed the sunlight, dreading the Sun-rising, and impatient for its setting.

The ancient figurine depicted at right is wearing protective glasses that are custom fitted to his eye-sockets to block out all dangerous wavelengths of sunlight. He is wearing a heavy led-lined garment. Separate lead strips extend down to the skirt fringe in order to allow free leg movement.



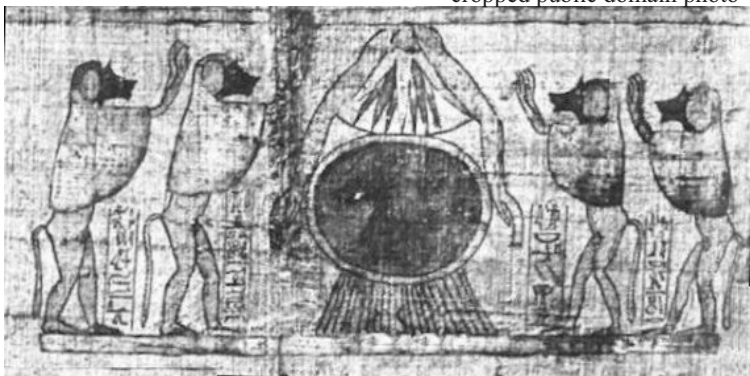
The Titan Infertility

Possibly due to the intense radiation planet Earth receives (very likely), after landing on Earth it came to pass that there was only one fertile Titan female in the expedition. According to Greek myth she had 12 children, and 6 were female, so the Titans were able to procreate for a time, but these descendants were inbred and also eventually became infertile causing the race of Titans to die out.

The Creation of Man

According to Greek myth the Titans experimented with genetic attempts to revitalize their infertile race. Their experiments had produced the Cyclopes (those with only one eye) and the monstrous ones (those with deformed limbs and faces). What is not documented in Greek myth is that around 10,300 BC the Titans successfully hybridized a mixture of native Earth primates with Titan genes that they called Man.

cropped public domain photo



In this papyrus drawing, Egyptologists assume the dark circle is the sun embraced by the arms of Atum, and the lines under it are the sun's rays. Actually, the arms are calipers holding an egg (notice the egg membrane). There are 22 lines below the egg that penetrate the membrane. These represent needles. The human has 46 chromosomes, 22 pairs of "autosomes" that control heredity, and 1 pair of sex determining chromosomes. The depiction reveals that a needle to modify each of the autosomes is injected.

The first 3 male Titans born on Earth were Zeus, Poseidon, and Hades. The people of the early Greek palace compounds on islands of the Aegean Sea believed they were descendants of Poseidon. This belief was based on the Titan bioengineering of Neptune from the genes of Poseidon (the icon of Neptune was the same 3-pronged fork as the icon of Poseidon). Neptune could procreate with the hybrid race of Man.

Neptia, meant the joining of the Heavens with Earth (Titans from the heavens and primates from the Earth).

Neptune was an albino with pale white skin, pale blue eyes, and pale yellow hair. He fathered the light-skinned Northern Race of Man (Nordics) while living in Denmark, beginning with the children Odin, Vili and Ve.



Teaching of the Hierophant

The knowledge of the Titan infusion in the creation of Man was taught until the Inquisition of Pisces began the suppression of knowledge by torture and burning alive, forcing the knowledge into secret societies. This scene at left is based on Bohemian Tarot card 5. Two students attend the Hierophant who holds a staff with 3 cross bars representing the 3-realms of existence (mind, body, and spirit), and with a sphere atop the staff representing the individual identity or essence. This staff is a key to restoring the “Tree of Life” of the Kabala (*it is actually “The Tree of Life Choices”*). Neptune is painted on the ceiling.

The Gemini Twins

The astrological age of Gemini began around 6420 BC. The last Titan was dying, but he was a geneticist and bio-engineered the (2/3 Titan, 1/3 Human) hybrid twins Gilgamesh and Enkidu, who procreated with the Race of Man, creating the Angelic (southern) race of Man.

Headlocks of the Fixed Cross

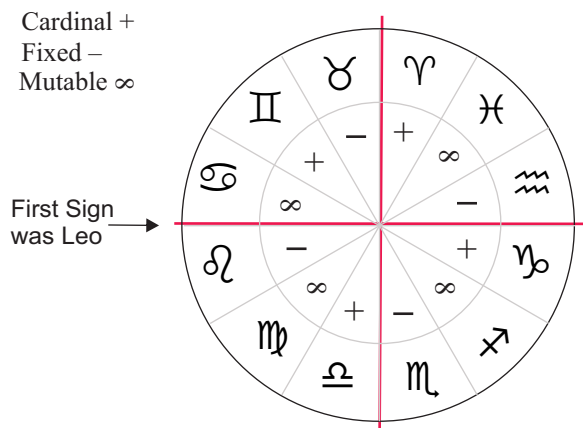
Headlocks of the Fixed Cross

Horoscopes are graphic representations of the 12 Signs of the Zodiac using a “pie-chart” format

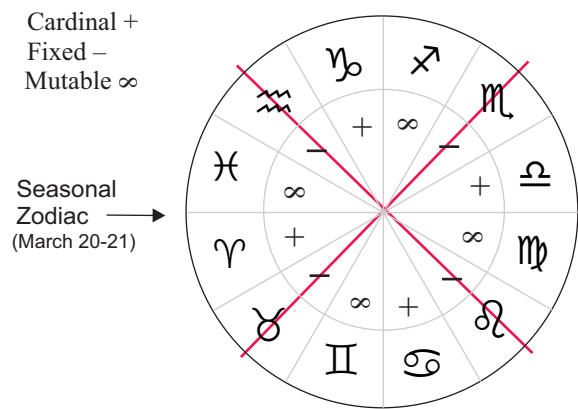
The astronomical use of the Horoscope is to record the locations of the astral bodies on the Belt of the Zodiac.

The original horoscope began with Leo because at the time it was established (10,500 BC) the constellation of Leo was rising on the Spring (Vernal) Equinox. The Signs are assigned one of 3 polarities: Cardinal(+), Fixed(-), and Mutable(∞). As illustrated below-left in **red**, originally the lines marking the cusps of the Fixed(-) Signs formed a cross “+”.

Original Fixed Cross - 10,500 BC



Seasonal Fixed Cross



Sometime during the Age of Aries, a Seasonal Horoscope was defined, and the Signs on the pie-chart were rotated to start at Aries instead of Leo. The cross was drawn thru the middle of the Fixed Signs, becoming an “X”.

The Gemini Twins inherited a Titan tradition regarding the icons of the Fixed-Signs, which are supreme animals not vulnerable to predators. The Titans showed their superiority over them by immobilizing them with headlocks.

Taurus
Bull
Water Buffalo

Scorpio
Scorpion
Bird of Prey

← Modern →
← Sumerian →

Leo
Male Lion
Male Lion

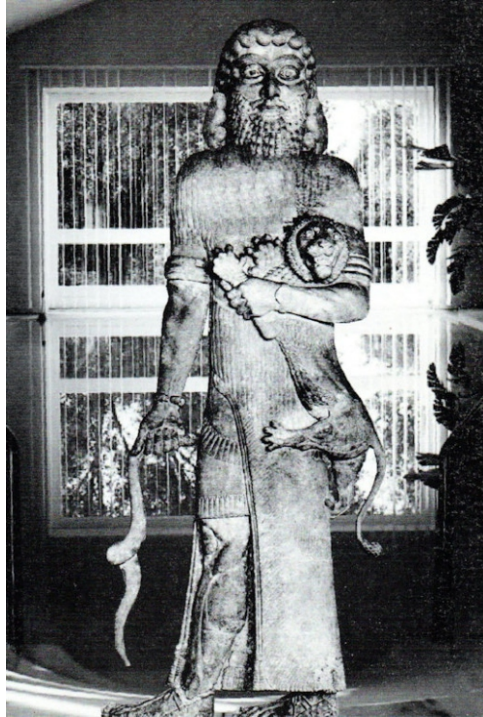
Aquarius
Water Bearer
Tree Serpent



Clip Art

Leo and Aquarius

The icon of Leo is the **male lion**. In the statue depiction of Gilgamesh below-left he is clearly holding a lion in a headlock, also clasping the forelegs to his chest. He wears a lead chain-mail robe that protects him from the Sun, and from the claws of the lion as well.



From the book "I Ruled the World" by T Byron G

The Sumerian icon of Aquarius was the tree serpent. In his right hand, the figure of Gilgamesh at near-right is also head-locking a snake (a tree serpent). Leo and Aquarius are opposite Fixed Signs of the Zodiac (held in headlocks on opposite sides of Gilgamesh).

In Greek myth, Hercules (Greek derivative of Gilgamesh) "strangles" the Nemean Lion, a cultural misinterpretation of the headlock.



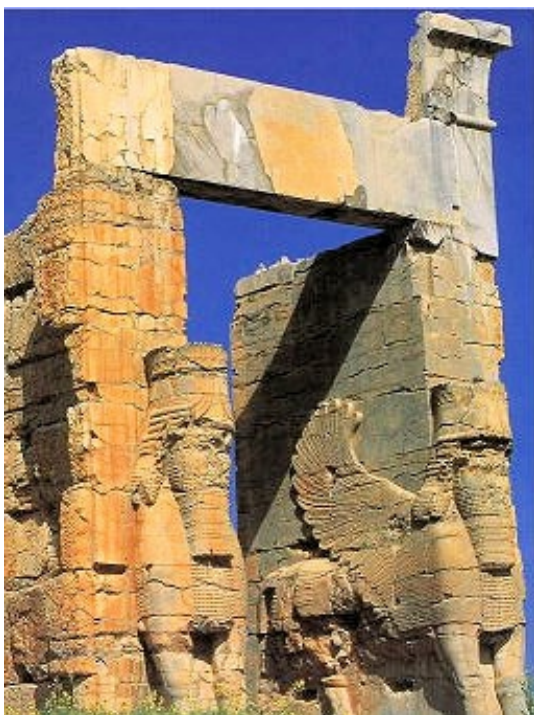
SYNTHESIS: Symbology

It is said of the much later-period Assyrian myth version of Gilgamesh, Ashur (circa 650 BC), that he **"wore his 'headache' as a garment"** (here 'headache' is a mistranslation of "headlock"). This saying reflected that Ashur (shown above-right) was depicted wearing wings (Scorpio), and the Bull's horns (Taurus) on his helmet.

The line drawing above (by Tom Gilmore) of Ashur (commonly known as Ashurbanipal) shows how he has subdued the fixed-cross icons by slaying them. He wears the horns of the bull (Taurus) on his helmet, holds the tail-tuft of the lion (Leo) in his hand, wears wings (Scorpio) on his back, and carries the venom of the serpent (Aquarius) in a pail.

The Sumerian serpent-icon change to the modern "water-bearer" icon can be traced from the pail carried by Ashur containing venom, which Christians labeled as containing "holy water" (and the lion tail-tuft in his hand as a "pine-cone sprinkler"). The wavy line, which was the symbol for Aquarius as the tree-serpent, became re-interpreted as water (aqua). The original name of Aquarius was "Gnosis" (knowledge).

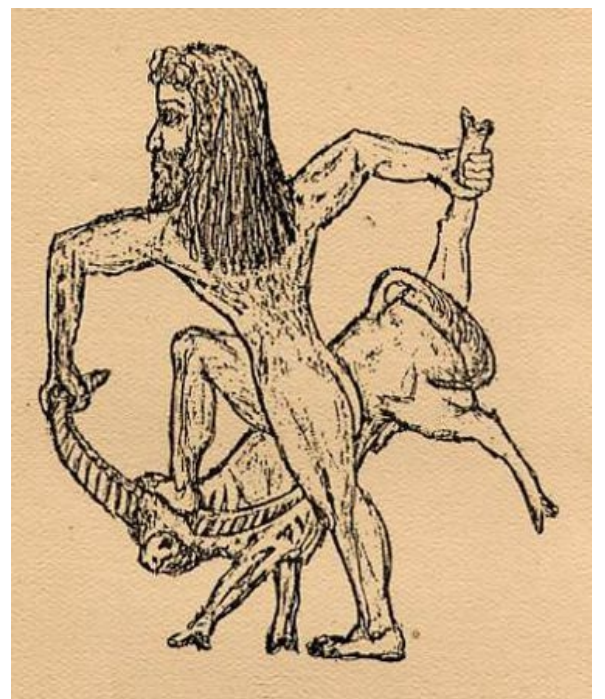
Taurus & Scorpio



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The Persian winged-bull at left combines the opposite fixed-cross Signs of Scorpio (Bird of Prey) and Taurus (Bull), .

The drawing at right shows ~~Gilgamesh~~ **Enkidu (the naked wildman)** immobilizing a **Water Buffalo**, with his foot on its head (the Taurus headlock).

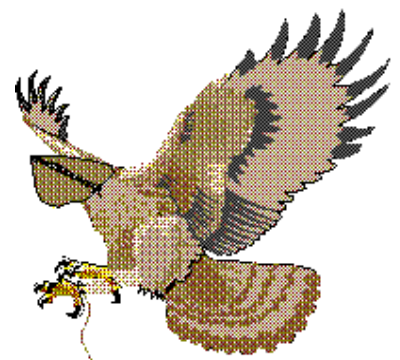


From the book "Synthesis" by T Byron G

Enkidu: The Scorpio Headlock

Enkidu was the fraternal twin brother of Gilgamesh. He was said to have been raised by wolves. The locals saw him swimming in rapids and catching fish in his bare hands, and referred to him as Enkidu (master of the river's water).

Enkidu originated the practice of falconry, where he kept the bird tethered, at times placing a removable hood over its head to subdue it (the Scorpio headlock).



In Sumer the word for the west was **Scorpio**. In the desert just west of Sumer, Enkidu would remove the hood and tether of his falcon to let it hunt for the snakes and **scorpions (denizens of Scorpio)** that were scurrying over the sand. The falcon would return when Enkidu whistled.

The small Sumerian cylinder-seal below **confirms** the association of the Scorpio Headlock with Enkidu. It depicts the Gemini Twins. Enkidu is second from right. He can be identified by the water and fish streaming around him. It shows a bird of prey returning to Enkidu carrying captured prey in its beak. **(Between Enkidu's feet is a Taurus icon).**

Gilgamesh can be identified on the left by his pet lion (Leo) and hunting bow. Notice that his skirt is split on one side, with one leg sticking out (the same as with the statue of Gilgamesh shown further above).

The clothing of the characters are made of layered lead strips, and their hats also provide protection.



Public domain photo

Astro-Logic

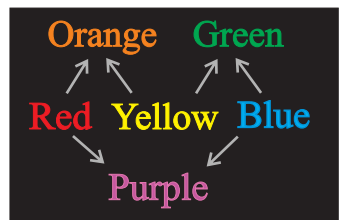
The Planets of Astrology

Astrologically the term "Planet" is a **visible** "roving astral body", meaning that they change location in relation to the fixed stars that rotate in the sky (due to the rotating Earth).

The astrological tradition defines 7 Planets, shown below with their shorthand symbols.

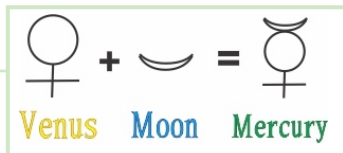
- ☉ Sun ♂ Mars ♃ Jupiter
- ☾ Moon ♀ Mercury
- ♀ Venus ♄ Saturn

Shown to the right is the manner in which pigment colors combine.



The astrological tradition assigns **pigment** colors to: **Sun Venus Moon**

Combining the Planet symbols of Venus and Moon reveals that **Green is for Mercury**

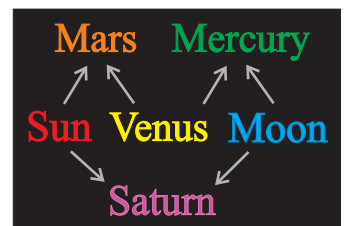


Mars is Orange in color in the night sky

This leaves **Saturn as Purple**.

Jupiter has 12 major moons and orbits the Sun in nearly 12 years (11.86 years).

Thus the colors of the Planets are: **Sun, Moon, Venus, Mars, Mercury, Saturn**

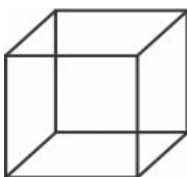


Factors of 12 (4x3 and 6x2)

The factor **(12=4x3)** is in the traditional permutation of 4 "elements" **Fire, Earth, Air, and Water** and 3 "polarities", positive, negative, and neutral (**Cardinal, Fixed, and Mutable**).

The elements and polarities are applied in a permutation to the Signs in their order as shown to the right.

The factoring of **(12=6x2)** matches with the geometry of a cube's 12 edges, in that each edge joins a unique pair (2) of the 6 faces.



Planet/Element Connection

4 of the Planets are associated with the 4 elements.

- Sun Venus Mercury Moon**
- Fire Earth Air Water

This association was introduced to disguise the logic that leads to the deduction of the Color-Cube (from the Inquisition).

♈	Aries	Fire	Cardinal
♉	Taurus	Earth	Fixed
♊	Gemini	Air	Mutable
♋	Cancer	Water	Cardinal
♌	Leo	Fire	Fixed
♍	Virgo	Earth	Mutable
♎	Libra	Air	Cardinal
♏	Scorpio	Water	Fixed
♐	Sagittarius	Fire	Mutable
♑	Capricorn	Earth	Cardinal
♒	Aquarius	Air	Fixed
♓	Pisces	Water	Mutable

Color-Cube

The Tarot

The Tarot is 2 decks of cards, referred to as the **Major and Minor Arcanum**.

The Major Arcanum consists of 22 pictographic Hebrew-alphabet letter-cards, each card with a Hebrew letter and its number in the alphabetic order. The pictographs hide knowledge and serve multiple purposes. Card 13 contains a clue used in deducing the **Color-Cube** (deduction to follow).

Deducing the Astro-Logical Color-Cube

Planet Exaltations

Certain Planets are traditionally “exalted” in the Signs. There is no “official” list of the exalted Planets. Many lists include non-traditional Planets such as Uranus, Neptune and Pluto (to fill in blank spaces). The **astro-logical** significance of the exalted Planets has been forgotten, and absorbed into esoteric astrology (by placing an emphasis on esoteric interpretations regarding these Sign/Planet associations).

The element permutation provides the first Planet of the Planet-pairs by substitution.

Six commonly listed **valid Planet** exaltations that are not included in the element substitutions (1st of pair) are shown in the column far right.

Three of the exalted pairs connect 3 of the Planets:

Cancer	(Moon - Sun)
Leo	(Sun - Mercury)
Libra	(Mercury - Venus)

Sign	Element	Substitute	First of Pair by Planet Substitution	From lists of Exalted (and not 1st Pair)
♈ Aries	Fire	☉	Sun	♂ Mars
♉ Taurus	Earth	♀	Venus	
♊ Gemini	Air	☿	Mercury	
♋ Cancer	Water	☾	Moon	☉ Sun
♌ Leo	Fire	☉	Sun	♀ Mercury
♍ Virgo	Earth	♀	Venus	
♎ Libra	Air	☿	Mercury	♀ Venus
♏ Scorpio	Water	☾	Moon	
♐ Sagittarius	Fire	☉	Sun	
♑ Capricorn	Earth	♀	Venus	♄ Saturn
♒ Aquarius	Air	☿	Mercury	♄ Saturn
♓ Pisces	Water	☾	Moon	

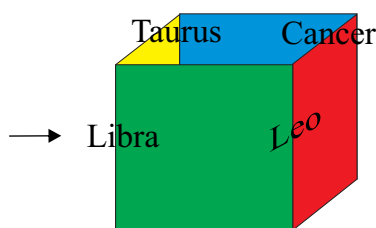
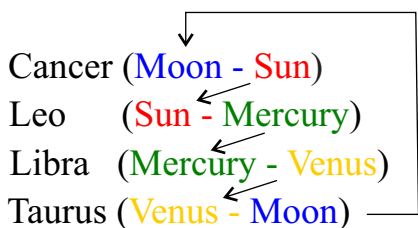
Clue from Egyptian Myth



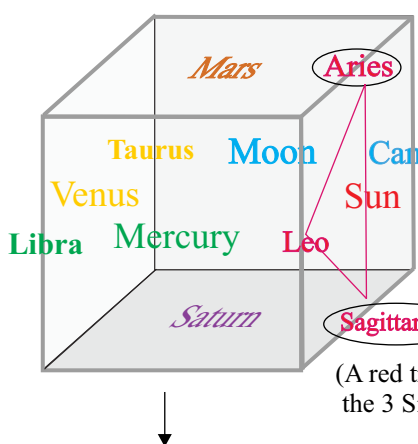
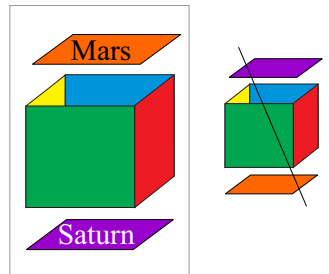
Public domain photo

In Egyptian myth “**Hathor**” is a female entity associated with **Venus** and is represented by a **Bull** with the orb of the **Moon** between the horns. This is a remnant of the clue that **Taurus** (the Bull) pairs **Venus** and the **Moon**.

This pair makes 4 pairs that sequentially connect the 4 Planets as shown below-left. These linkages dictate that the 4 Planet-faces must be “in-line” as illustrated below-middle.

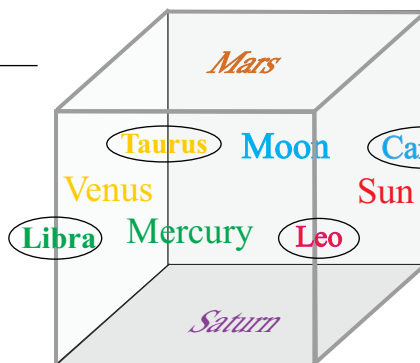


Mars and Saturn must be the top/bottom faces, and as Mars is the active Planet it is placed on top.



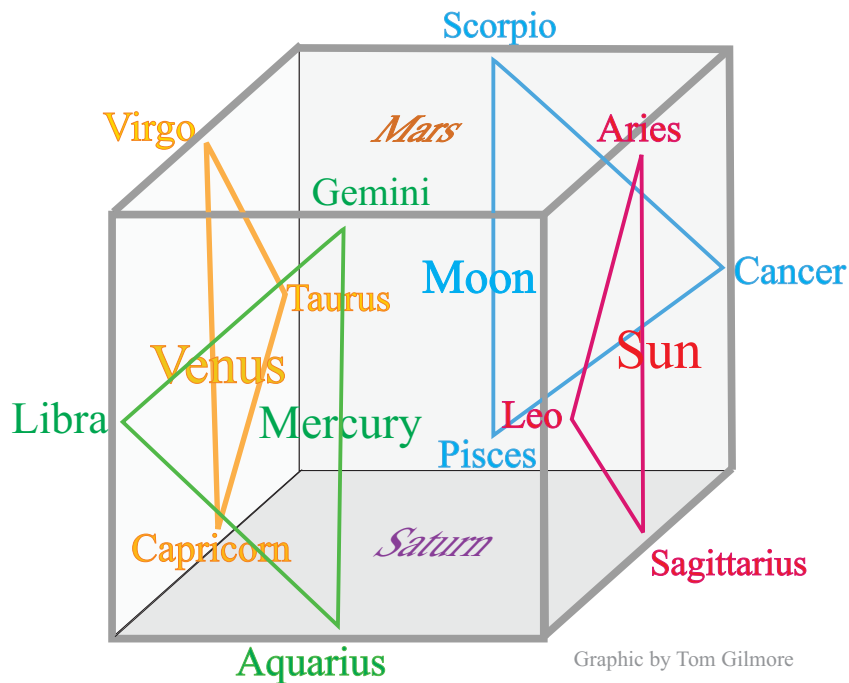
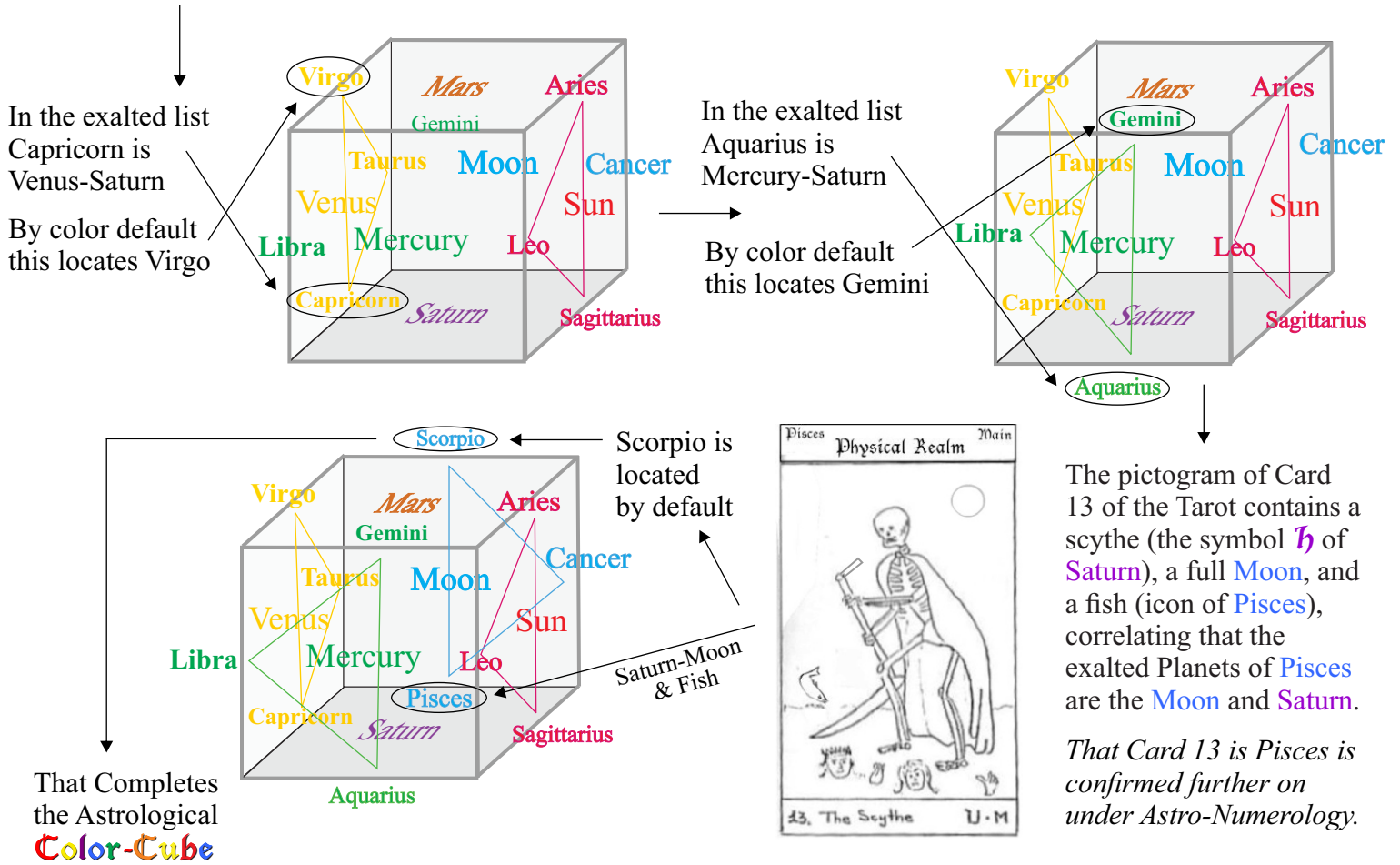
In the exalted list Aries is Sun-Mars

By color default this locates Sagittarius



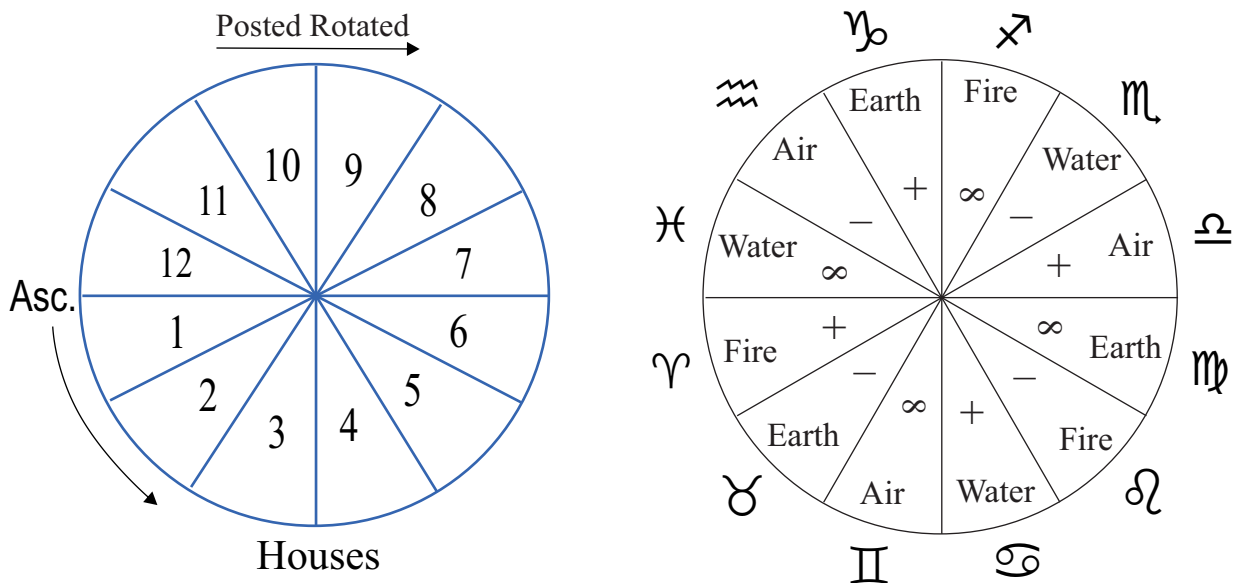
The Edge Labeling

Assigning the Signs to the edges begins with the 4 connected pairs.



The Houses of Astrology and the **Color-Cube**

Astrological horoscopes are recorded on pie-charts such as shown below-right. Houses are numbered from the location of the Ascendent (below-left), which is the Sign ascending on the horizon as the Earth rotates, and the rotated Houses post on the Sign pie-chart (but are shown below-left on a separate pie-chart for clarity).



The houses track the progress of a life from birth to death in 12 phases.

To demonstrate the correlation between the Planet-pairs and the Hermetic Astrological Tradition of House descriptions, the Planets are assigned one or two key-words, that when concatenated as pairs, match with the traditional descriptions.

Planet	Key-Words	Key-Words
Mars	Initial	Intermediate
Sun		Self
Mercury	Structure	Mentality
Venus	Relations	Social Position
Moon		Regulator
Saturn	Termination	Mature

The chart below compares the planet-paired key-words with the traditional house descriptions.

House	Pairs	Concatenation	Traditional Descriptions
1	Mars Sun	Initial Self	Body & Personality
2	Moon Venus	Regulator of Social Position	Possessions & Obligations
3	Mars Mercury	Initial Mentality	Lower Mind & Education
4	Moon Sun	Regulator of Self	Homelife & Mother
5	Sun Mercury	Self Mentality	Emotionality & Creativity
6	Mars Venus	Intermediate Social Position	Employment & Health
7	Venus Mercury	Structured Relationships	Marriage & Partners
8	Mars Moon	Intermediate Regulator	Transition & Inheritance
9	Saturn Sun	Mature Self	Friends & Hopes Higher Mind & Interests (traditional)
10	Saturn Venus	Mature Social Position	Positions & Honors
11	Saturn Mercury	Mature Mentality	Higher Mind & Interests Friends and Hopes (traditional)
12	Saturn Moon	Termination Regulator	Karmic Debt & Spirituality

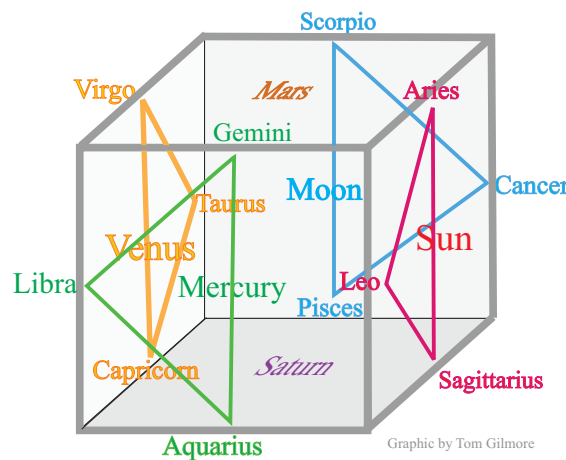
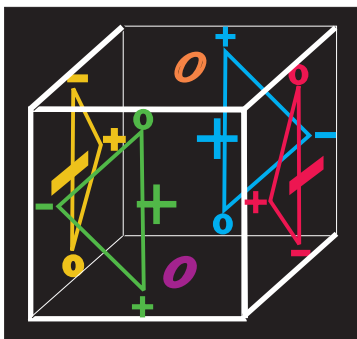
The 9th and 11th House interpretations have been **switched** at some point, because Saturn & Mercury (House 11) is "Mature Mentality", which logically would be "Higher Mind and Interests".

(And House 9, "Mature Self", fits with "Friends and Hopes")

The traditional switched interpretations are shown in gray, after the corrected interpretations shown in **Orange**.

Time and the Astrological Color-Cube

Shown below is the color-cube with the edges labeled with the polarities of the Signs



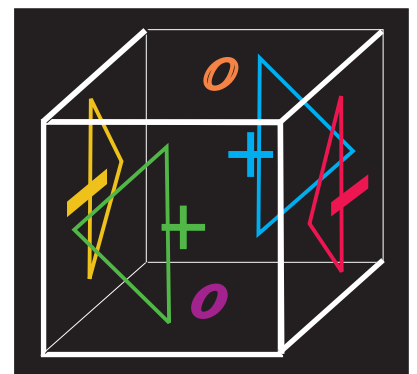
♈	Aries	Cardinal
♉	Taurus	Fixed
♊	Gemini	Mutable
♋	Cancer	Cardinal
♌	Leo	Fixed
♍	Virgo	Mutable
♎	Libra	Cardinal
♏	Scorpio	Fixed
♐	Sagittarius	Mutable
♑	Capricorn	Cardinal
♒	Aquarius	Fixed
♓	Pisces	Mutable

Each of the 6 cube-faces are squares bordered by 4 cube-edges, and the 4 polarities of the edges combine into one face-polarity. The top and bottom faces combine to neutral (+, -, 0, 0) = 0. The 4 vertical faces combine their edge polarities to either a + or a -.

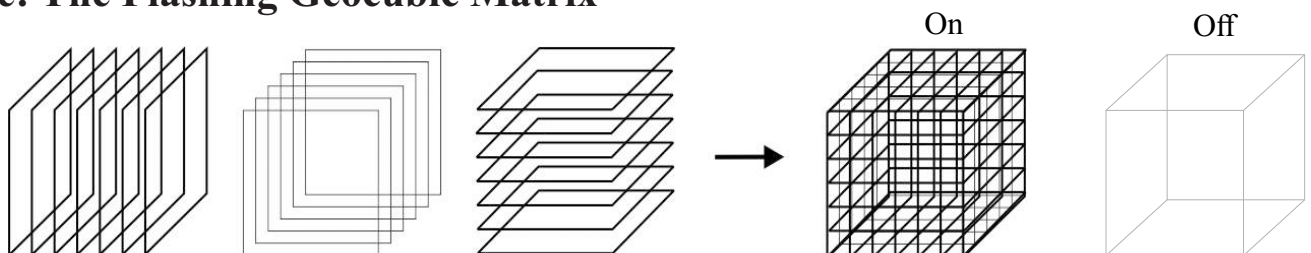
These combined polarities are shown with large symbols on the face-centers. The cube at-right removes the edge-polarities to show only the face-polarity.

This is symbolic of the mechanism of **time**. The attraction of opposite polarities (+, -) creates a current in the direction the triangles point.

(+) (-) (+) (-) (+) (-) (+)



Time: The Flashing Geocubic Matrix



Throughout space is a **matrix of unit cubes**, formed from 3 mutually perpendicular stacks of impenetrable force planes that combine to enclose a matrix of unit-cubes (with a volume of 1), as diagramed above.

The matrix of force planes is very rapidly **flashing** in and out of existence at a constant rate. This flashing is the force of **Time**. While the matrix is in existence nothing can move between the cubes. While the matrix is out of existence, atoms and free atomic particles can (quantum) jump to an adjacent cube.

The flashing matrix is the time/space connection.

The current of the polarity-cube is symbolic of energizing (+) and de-energizing (-) the force planes of the matrix, or a flashing on and off, from existing (+) to not-existing (-) and back to existing (+) endlessly (subject to eventual termination). Motion occurs in quantum jumps allowed during the flashing off.

For detail on the Geocubic Model, download the PDF
(PDF's are available at www.geocubiccosmology.com)

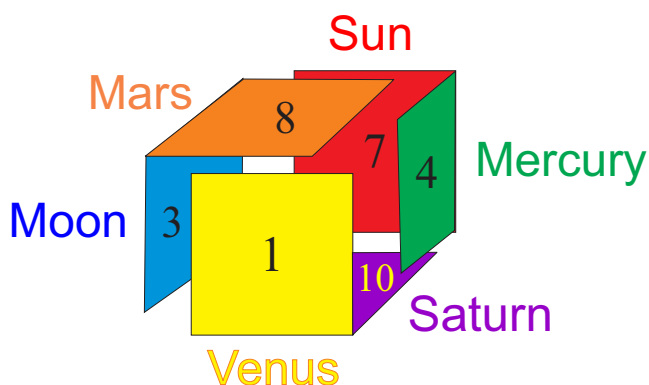
Color-Cube Astro-Numerology

The astrological tradition associates 3 numbers with the 3 primary pigment Planets of **Red(7) Yellow(1) Blue(3)**. The 3 pigment-color combinations define the secondary color/numbers:

Blue(3)+Yellow(1)=Green(4)
Red(7)+Yellow(1)=Orange(8)
Blue(3)+Red(7)=Purple(10)

This provides the Numbers for the Planets

Sun(7) Mercury(4)
Moon(3) Mars(8)
Venus(1) Saturn(10)



The Signs' numbers below are summed from their Planet-pairs:

The 12 Sign-values add to 132, and (132/12 =11), which is also the Sign-values of **Leo/Scorpio/Capricorn** (the 3 paired faces of the color-cube above)

Confirmation from the Tarot

(See cards below)

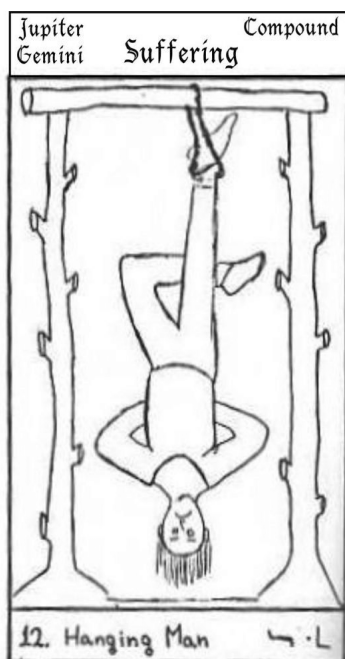
Card 11 depicts the Lion, **Leo(11)**.

Card 12 hides the symbol of **Gemini(12)** in the scaffold.

Card 14 shows a maiden passing water between jugs (the Water-Bearer of **Aquarius(14)**).

Card 15 shows Pan, a hoofed beast with ram's horns (the Ram of **Aries(15)**).

Aries(15)	Sun(7)	+ Mars(8)
Taurus(4)	Venus(1)	+ Moon(3)
Gemini(12)	Mercury(4)	+ Mars(8)
Cancer(10)	Moon(3)	+ Sun(7)
Leo(11)	Sun(7)	+ Mercury(4)
Virgo(9)	Venus(1)	+ Mars(8)
Libra(5)	Mercury(4)	+ Venus(1)
Scorpio(11)	Moon(3)	+ Mars(8)
Sagittarius(17)	Sun(7)	+ Saturn(10)
Capricorn(11)	Venus(1)	+ Saturn(10)
Aquarius(14)	Mercury(4)	+ Saturn(10)
Pisces(13)	Moon(3)	+ Saturn(10)



Quarks and the Color-Cube

"Connections"

Egypt
(Djeduti Ptah)
Knights Templar
Rose Croix
Scottish Rite 33°

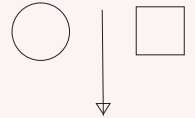
Freemason's
British Foot
5280 Feet/Mile
33 Feet to a Chain
(160 Chains/Mile)

33

Compass & Square



G is for Geometry
(the Circle & Square)



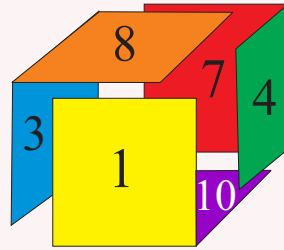
G³ is for Geometry³
(the Sphere & Cube)



$$(7+4) = (8+3) = (10+1) = 11$$

$$(11) + (11) + (11) = 33$$

The **numerical color-cube** fits with the known properties of Quarks in Atomic Particles



Color-Cube

Atomic Particles

In conventional Quark chromatology, the atomic particle is considered to be composed of 3 Quarks, and these are labeled with the 3 primary light-colors of Red, Green and Blue, with the requirement for all 3 being in the particle symbolized by the combination of these 3 colors producing white light.

The 3 primary pigment colors are better suited for being understood intuitively.

The 3-dimensional structure of the atomic particle is identical in the Neutron, Proton and Electron, but the Quarks come in 2 charges (+2/3 and -1/3), and the combined charges of the 3 Quarks produce the 3 atomic particles.

Neutron: +2/3 -1/3 -1/3 = 0

Proton: +2/3 +2/3 -1/3 = +1

Electron: -1/3 -1/3 -1/3 = -1

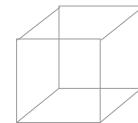
Cube-Frames

No real object can be of zero size in any of the 3-dimensions. Therefor all components of particles must be 3-dimensional, and since particle collisions have shown the Quarks have different shapes, it is likely they themselves have components. This led to adding the concept of **Cube-Frames** to the numeric color-cube to define the components of the Quarks making up atomic particles.

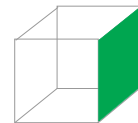
Color-Cube Quark Labeling

The color-cube is used for labeling the Quark components, and in defining the relative positions of the components. The 3 Quarks are assigned the 3 primary colors of **Red/Green**, **Yellow/Purple** and **Blue/Orange**.

The cube-frame is charged on one face by an unknown energy defined only by its effect on holding the 3 quarks together, and constructing a spheroid of 33 face-charged cube-frames.



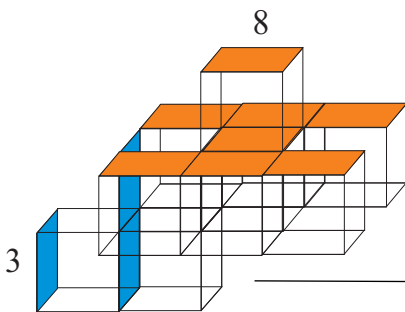
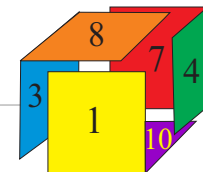
Neutral
Cube-Frame



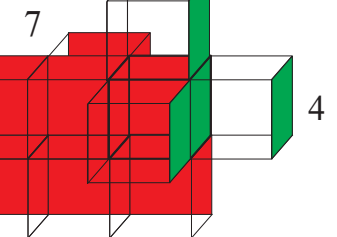
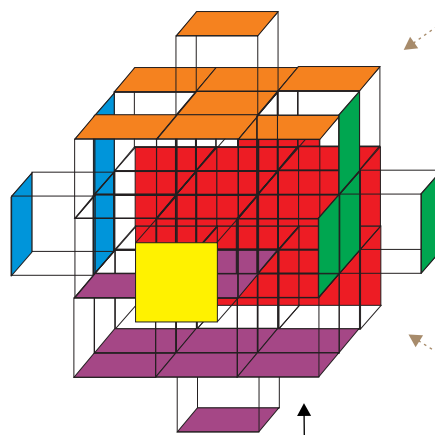
Face-Charged
Cube-Frame

Applying the color-cube to the structure of the Quarks, each quark is made up of **11 neutral cube-frames**, that are face-charged in colors that match the count and location of the color/numbers of the 6 cube faces. This is diagramed below.

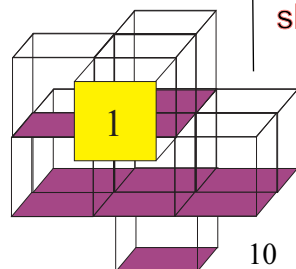
Atomic Particle
(Minimal Cubical Spheroid)



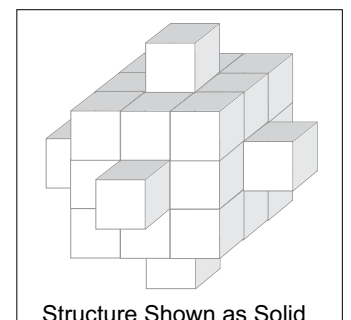
Blue Quark



Red Quark

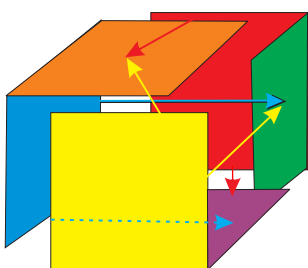


Yellow
Quark



Structure Shown as Solid

Symbolic Quark Binding
By Color Combining



Quarks
slide together

The Quarks slide together and do not interlock, they can come apart (for particle transformations), but a strong **binding force** draws them together.

Quark Binding Force

The colors of the cube faces are an analog of the binding force as illustrated above at-lower-left with colored arrows. Each primary-color face (red, blue, yellow) is paired to a face that is the additive color combination of the other two primary color faces.

Yellow's pair is **Purple(10)** which combines primary faces **Red(7)** and **Blue(3)**.

Blue's pair is **Orange(8)** which combines primary faces **Red(7)** and **Yellow(1)**.

Red's pair is **Green(4)** which combines primary faces **Blue(3)** and **Yellow(1)**.

For detail on the **Geocubic Model of Quarks and Particles**, download the PDF "The Geocubic Model Textbook"
(PDF's are available at www.geocubiccosmology.com)

Gilgamesh Myth Illustrations on Tarot Cards

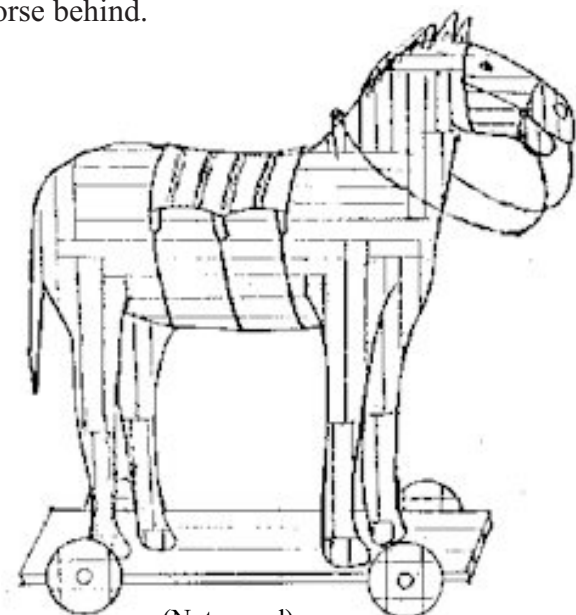
Some Tarot cards illustrate events in the myth of Gilgamesh.

In one part of the Gilgamesh myth his brother Enkidu attempts to create a vast Kingdom centered on Babylon, where one coinage and one dialect made commerce flourish, but a new and well-fortified city, Lagash, gained great wealth from exploiting the many factions in the region, and resisted the consolidation Enkidu attempted.

Enkidu turned to Gilgamesh, asking that for the good of the entire region to help him subdue Lagash, and a 10-year siege of Lagash ensued. The multi-walled and multi-moated defenses of Lagash could not be breached.

The tide turned against Enkidu in the war when Lagash innovated the first application of the horse and chariot. In a fierce battle, Enkidu's heel was injured by a spear thrown from a charging chariot (*the Greek name of Enkidu was Achilles*).

Gilgamesh turned defeat into victory by pretending to accept defeat and erecting a massive wooden horse on wheels, hiding himself inside, while Enkidu led his army away leaving the (**Trojan**) trophy horse behind.



(Not a card)



The army of Lagash celebrated their victory, wheeling their trophy inside the walls of the city, and making merry with wenches and wine. Gilgamesh snuck out of the horse and fought his way to the gate to open it and let the returning army of Enkidu come inside.

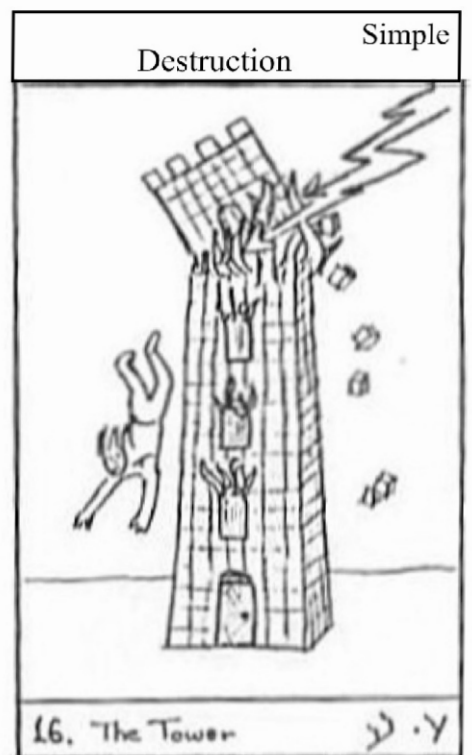
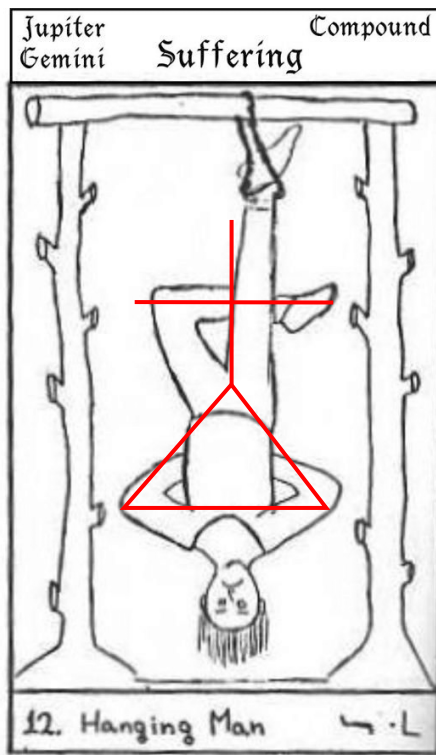
Lagash fell and Enkidu became King of all of Sumer, but his (**Achilles**) tendon was injured.

Gilgamesh heard about a magical **fountain of youth** in the region of Elam to the east that was reputed to be able to heal any wound, and he determined to take Enkidu there.

Using his ax Gilgamesh rigged a cart, hitched it to a water buffalo (**Paul Bunion and his Blue Ox**), filled it with straw for Enkidu to lie on (**the straw man**), donned his suit of armor from the war (**the tin man**), and set out east, accompanied by his pet lion Leo (**the cowardly lion**). When they reached the gates of Khumbaba (**Humbug**) they found it guarded by a giant serpent head that spit acid at them. The lion was hit by the acid and the loud hissing frightened him. Gilgamesh realized the serpent head (**Quetzalcotal**) was just a machine and disabled it to enter. Stone steps capped with pure gold plates led through a narrow gorge (**the yellow brick road**). Inside the compound there grew an apple grove (brought from Titan and protected by prime directive from the Earthlings by Ishtar).

Gilgamesh asked Ishtar if she would cure his pet lion that cowed from any unexpected sound. Ishtar stood by the side of Leo and reached her hands around the head to grab Leo's mouth and force it open (Card 11 below). Leo let out a roar and his courage returned.

Gilgamesh also asked Ishtar to help Enkidu heal the wound to his foot. The healing pool had a strong putrid smell emanating from it (sulfur). Ishtar diagnosed that when the tendon healed it had contracted, so to stretch it out she had Enkidu periodically hang upside down suspended from the bad ankle (Card 12 below), and then soak it in the pool. The foot healed significantly but left Enkidu with a limp.



On card 12 a **red** symbol is superimposed to reveal the ancient symbol of the Planet Jupiter (a + above a triangle). The symbol for the Sign Gemini (II) is hidden in the scaffold (and 12 cut limbs are shown).

Upon returning to Babylon, Enkidu built the Tower of Babil (the district around Babylon). Toward the end of the Gilgamesh story, in a violent lightning storm the great tower of Babil collapsed (Card 16), and with it the civilization. The uniform dialect of Babil reverted to local versions (**babble**).

The Color-Cube, Sumerian Myth, and the Geocubic Electron Spin

Journeys of Gilgamesh

Gilgamesh is mentioned or featured in many Sumerian myths. The myth titled "The Journeys of Gilgamesh" has multiple astrological references, where in each step both a Planet and a Sign are referenced, and in alternation the Planet and the Sign repeat. This is shown to the right.

The astrological color-cube had been deduced previous to finding these astrological references in the myth, and it was noticed that each Sign was paired with a unique pair of Planets, exactly as deduced for the color-cube.

Planet-Pairs of the Signs

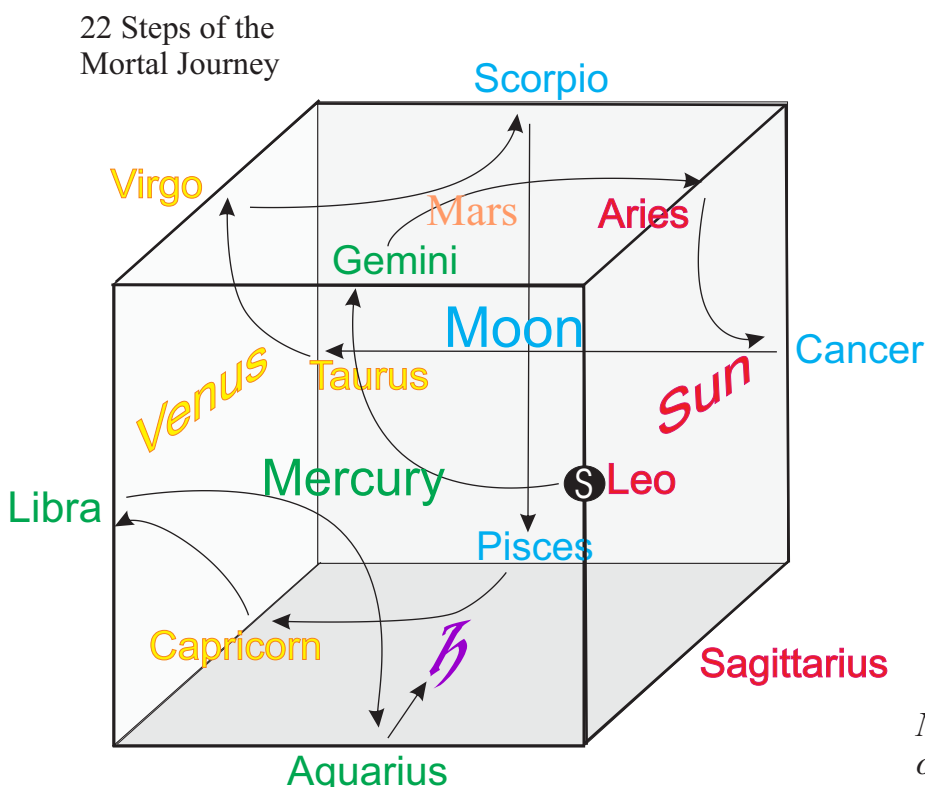
The labeled color-cube is shown below, with the sequence of the Signs connected with arrows.

The Journey begins with the Sun (birth) and ends with Saturn (death). Sagittarius is omitted from the list.

22 Steps of the Mortal Journey

1	Sun	Leo
2	Mercury	Leo
3	Mercury	Gemini
4	Mars	Gemini
5	Mars	Aries
6	Sun	Aries
7	Sun	Cancer
8	Moon	Cancer
9	Moon	Taurus
10	Venus	Taurus
11	Venus	Virgo
12	Mars	Virgo
13	Mars	Scorpio
14	Moon	Scorpio
15	Moon	Pisces
16	Saturn	Pisces
17	Saturn	Capricorn
18	Venus	Capricorn
19	Venus	Libra
20	Mercury	Libra
21	Mercury	Aquarius
22	Saturn ♄	Aquarius

11 Planet Pairs Exalted in Signs



Notice the "mortal cross" on the back face.

After the 22 Steps of the mortal journey, 2 final chapters redefine the sequence of the astrological references in the Steps. Card 6 of the Tarot illustrates the change. On the left of the character at card-center is Siduri, and on the right is Ishtar. In the cube mortal journey, from Cancer it goes to Taurus (Ishtar). The crossed arms symbolize crossing these over and go to Scorpio (Siduri).

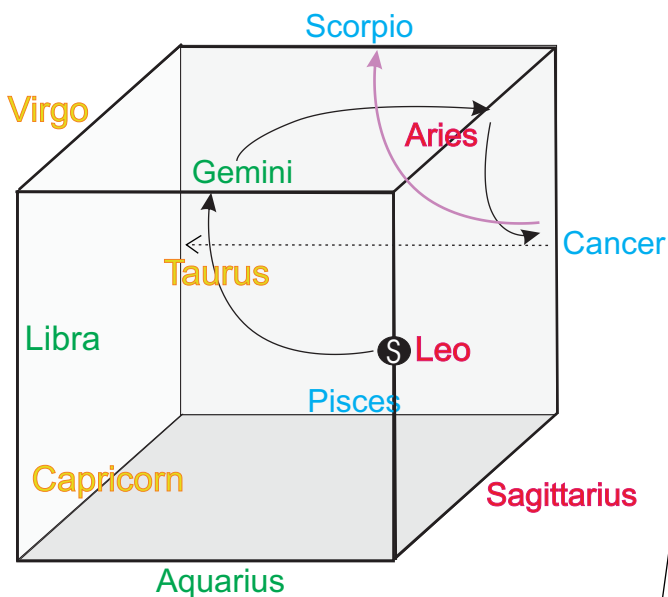
The 23rd chapter changes the sequence. The myth suggests that “the Karma of Gilgamesh changed such that Gilgamesh goes to Siduri (**Scorpio**) first, instead of to Ishtar (**Taurus**)”.

Going to Siduri first indicates that the change on the cube is to go from the **Cancer** edge up to the **Scorpio** edge, instead of going across from **Cancer** to **Taurus** (shown below-left, with the changed arrow dotted).

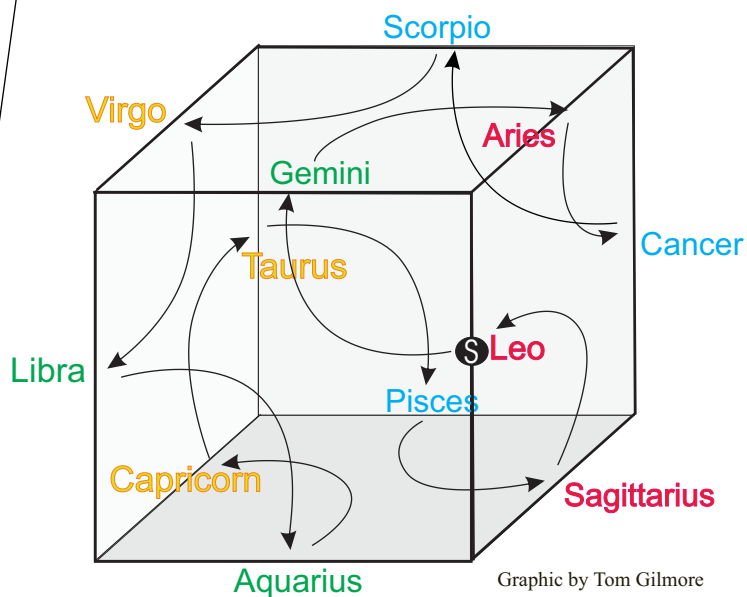
The 24th chapter has a reference to an “**eternal journey of the serpent**” where “everything follows directly from the flow as it went before, leading to the return to the beginning”. It sounds mystic, but when applied to the cube it is a clear instruction indicating that the arching arrows on the cube that were redirected to arch to **Scorpio** should continue on, in the same arched manner, ending back to the start at **Leo** (as on cube below-right).



Goes from Cancer to Scorpio instead of to Taurus



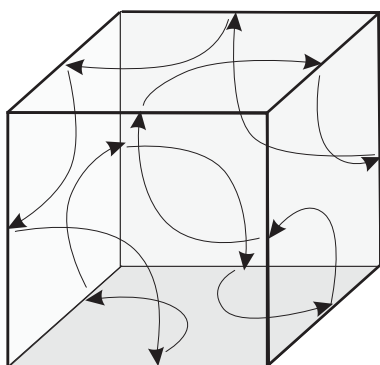
Then the steps follow from the flow as it went before



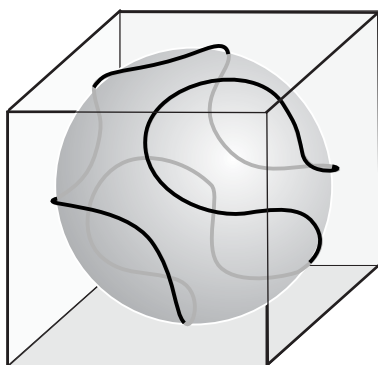
Graphic by Tom Gilmore

Leading to the return to the beginning

Eternal Journey



Electron Spin



It is no coincidence that this undulating path, when projected down to a sphere contained in the cube, matches with the form of Electron Spin as defined in the Geocubic Model where the path crosses the 12 mid-edges of the containing cube. (Refer to the PDF “Geocubic Model” for more detail)

*This undulating "Journey of the Serpent" may be the origin of the **serpent** representing knowledge.*

The Journeys of Gilgamesh

ARE

The 12 Labors of Hercules

The 12 Labors of Hercules Tied to Signs of the Journeys of Gilgamesh

Two journeys (one mortal and one eternal) are presented in the myth titled "The journeys of Gilgamesh", and each journey references Signs in a particular order listed below-left.

To the right below, the 12 Labors of Hercules (Greek version of Gilgamesh) are matched with the Signs in the order of the Sumerian myth

Sumerian Sign Order

The Mortal and Eternal order of the Signs are listed below, with the matching Mortal Signs grayed.

<u>Eternal</u>	<u>Mortal</u>
Leo ←	Leo
Gemini	Gemini
Aries	Aries
Cancer	Cancer
Scorpio	Taurus
Virgo	Virgo
Libra	Scorpio
Aquarius	Pisces
Capricorn	Capricorn
Taurus	Libra
Pisces	Aquarius
Sagittarius	↓
	Death

The 12 Labors of Hercules

The order of the Signs in the Journeys are confirmed in general by the Greek myth "The 12 Labors of Hercules".

Lists of the Labors vary by regions of Greece. The Olympian list is shown below in their sequence.

<u>Eternal</u>	<u>Labor</u>	<u>Mortal</u>
1 Leo	Strangle Nemean Lion	
2 Gemini	Slay Lernaean Hydra	
3 Aries	Capture Artemis' Golden Hind	
4 Cancer	Capture the Erymanthian Boar	
5 Scorpio	Clean the Augean Cattle Stables	Taurus
6 Virgo	Shoot the Stymphalian Birds	
7 Libra	Subdue the Cretan Bull	Scorpio
8 Aquarius	Tame Diomedes' Mares	Pisces
9 Capricorn	Obtain Hippolyta's Girdle	
10 Taurus	Roundup Geryon's Cattle	Libra
11 Pisces	Steal the Apple of the Hesperides	Aquarius
12 Sagittarius	Defeat the Hell-Hound Cerberus	

Leo (1) Strangle the Nemean Lion

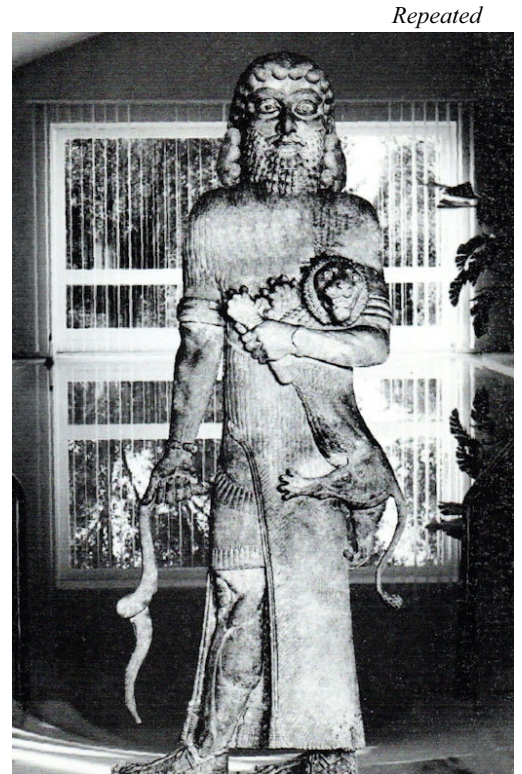
Both myths begin their correspondence with the Sign Leo, where Gilgamesh headlocks the Lion, but Hercules "strangles" the Lion, revealing that the Greeks misinterpreted the headlock that is depicted in the statue of Gilgamesh at-right.

Gemini (2) Slay Lernaean Hydra

The **Gemini Twins** are Gilgamesh and Enkidu.

In fighting the Hydra, when Hercules cuts off one of the 9 heads of the Hydra two heads grow back in its place. Hercules defeats the Hydra by cauterizing the neck after cutting off each head.

This radical alteration to the Sumerian myth relates to the genetic process used in the age of **Gemini** to produce the hybrid **Twins** Gilgamesh and Enkidu. In the genetic process, female fraternal twins were hybridized with Titan genes, and the twin with the most Titan traits was selected for further hybridization, terminating the other twin (this becomes the cauterizing). In the 9th and final hybridization the male fraternal twins Gilgamesh and Enkidu were produced. They were able to procreate with Earthlings, and they were considered to be 2/3 Titan and 1/3 Human.



Aries (3) Capture Artemis' Golden Hind -- Cancer (4) Capture the Erymanthian Boar

The Golden (Cerynian) Hind is a mythical antelope (**Ram-Aries**) with golden horns, which can run faster than a flying arrow. Hercules spends an exhausting year (Hera) trying to catch the elusive Hind. Finally he makes a bargain to trade favors with Artemis, where she would reveal where the Hind slept so he could capture it, if Hercules would help her by capturing a Erymanthian **Boar**. *Wild pigs were the Sumerian Icon of Cancer.*

Taurus (5) Mortal Clean the Augean Cattle Stables

Because the 5th mortal labor is Taurus, it evolved that the 5th labor was to fully clean the vast Augean Stables that housed 3000 cattle (cows and **bulls**). No matter how fast Hercules worked, before he could finish, the stables he started with would be soiled. To solve this problem, Hercules dug a canal, diverting the Alpheus (and Peneus) Rivers to flush out the stables all at once.

This labor relates to the Gilgamesh myth in that, in Sumer, Gilgamesh built a canal between the Tigris and Euphrates Rivers (now called the Gharraf Canal) that was used for commerce, and to irrigate the fields.

Virgo (6) Shoot the Stymphalian Birds

The 6th labor of shooting the Birds of Stymphalia has an oblique connection to Virgo. This connection is revealed by the Stymphalian depiction of **virtuous** female Nymphs with bird feet, who were aloof from carnal relations. Hercules has Cupid shoot them with his aphrodisiac arrow so he can seduce them (and thus conquer Virgo).

Libra (7) Subdue the Cretan Bull

The 7th labor was subduing the raging Bull of Crete, and bringing it to Athens to present it to **Athena**.

To complete the labor, Herakles grasped the horns and wrestled it to the ground, and then he grasped the hind legs of the bull and drove it like a wheelbarrow to Athens to present to Athena.

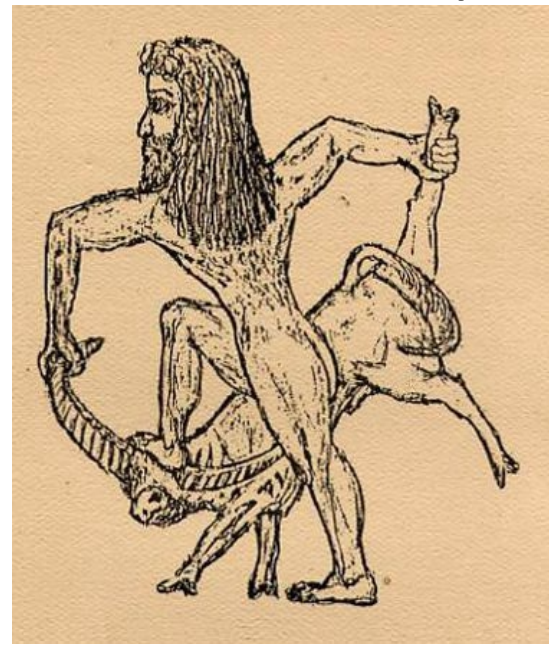
This is a confusion of the Taurus headlock by Enkidu of a Water Buffalo at-right, where he grasps and lifts the hind leg



Why **Athena**? Answer, **Libra**
When Zeus rebelled against the Titan elders he was charged with sedition and Athena was designated as the judge in his trial. She could not bear to look upon him as she judged (hence the blindfold), weighing his guilt in the **scales** of justice (the icon of **Libra**).



Photo by Tom Gilmore



Her decision was to exile Zeus on the island of Nysa, where Zeus denounced his Titan birth-name and called himself Dionysus (myself of Nysa).

Zeus took to drinking ambrosia, a mixture of wine and psilocybin (psychoactive) mushrooms, and accosting human females.

Pisces (8) Mortal Tame Diomedes' Mares -- **Capricorn (9)** Obtain Hippolyta's Girdle

The modern icon of Pisces is the fish. The fish is a Christian symbol that got incorrectly associated with the Age of Pisces.

Pisces originally stood for the principle of **Karma**.

The 8th labor is a story of creating bad karma. The labor was to tame the Mares of Diomedes, 4 wild and ferocious horses that ate human flesh, and possessed various powers to cause death, namely pestilence (plague), war, famine, and old-age (these are the source of the 4 horsemen of the Apocalypse). Thinking any means to accomplish the labor was justified, Hercules killed Diomedes and contaminated his flesh with a sedative before feeding the body to the mares, and this made the mares docile so he could present them as tamed. When the sedative wore off, the mares went wild causing death and destruction, and Hera was angered at the deception.

For Hercules to restore his virtue, Hera required him to accomplish what had been long considered an impossible task: to obtain the Girdle (Belt) of Hippolyta, the Amazon Queen.

Capricorn (9) Obtain Hippolyta's Girdle

Hippolyta's girdle was a broad championship belt adorned with extensive silverwork (and is behind modern unarmed fighting championship belts). The belt had never been awarded to a male competitor.

Hippolyta was associated with a far-away unknown land called Amazonia, a region in Africa said to lie on or near the **Tropic of Capricorn**. (The Tropic of Capricorn also crosses Chile, Argentina, Paraguay, and Brazil in South America). Hippolyta was named after the hippos living in the rivers of Africa.

It took a long time for Hercules to travel south and return from Africa (taking a year).

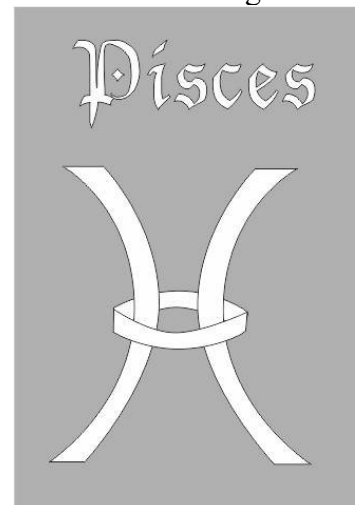
Aquarius (11) Mortal Steal the Apple of the Hesperides

The 11th labor is to steal the Apples of the Hesperides. This refers to when Gilgamesh took Enkidu to the healing fountain of Susa and encountered a cloned descendent of Ishtar guarding the forbidden apple orchard there ("forbidden" because the Titans had a "prime directive" not to interfere with the development of life on Earth, and had brought the apple tree from their home planet). The apple is Biblically associated with the tree serpent, which is the Sumerian icon of **Aquarius**.

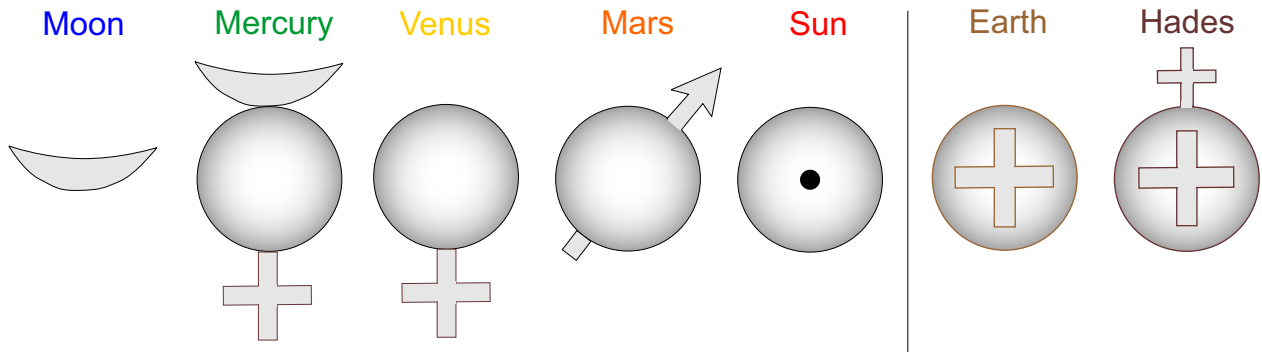
Sagittarius (12) Defeat the Hell-Hound Cerberus

The 12th and final labor entailed dominating the 3-headed hell-hound Cerberus, who guarded the gate to the underworld where the dead were interred. This labor is symbolic of cheating death. Herakles cannot complete this labor because he is mortal, and Sagittarius is only in the Eternal Journey. It is said as he aged and confronted his own impending death, it drove him insane. In some versions he goes berserk, killing indiscriminately, considering existence a curse of futility, intending to exterminate all life and end the curse.

Karma - Tied together



Zeus, Poseidon and Hades, were the first 3 male Titans born on Earth, but these names are also personifications of the phases of matter (gas, liquid, and solid). This is why Zeus is associated with the clouds (gaseous), Poseidon with the sea (liquid), and Hades with the underworld (solid).



The symbols for the “Inner Planets” (inside the asteroid belt) are forms of circles. The Earth is a circle with a cross inside. The symbol for Hades is the Earth topped with a cross, and this is behind the marking of graves with a cross. Buried dead are souls in the underworld.

The Myth of Pegasus

In Greek myth Zeus was said to have promised the blond beauty Kore to Hades in marriage, but Kore fell in love with Poseidon and refused to marry Hades. This detail has no effect on the story. It could be simply that Hades coveted Kore.

Selene (the Moon) was in love with Poseidon, but Poseidon loved Kore, making Selene jealous, so Zeus talked Selene into occulting (an eclipse of) Helios (the Sun) as Kore gathered flowers in the open fields, and the blocked sunlight allowed Hades to ride out on his chariot and abduct Kore, taking her into the underworld, and starving her, allowing her to only eat of the pomegranate (changing her hair to redish-brunette). Hades renamed her Persephone.

Eventually Selene could not bear the sorrow of Poseidon in not being able to find Kore and confessed her **sin** (that she allowed Hades to abduct Kore) and told Poseidon that Kore was in the underworld, a prisoner of Hades.

When Poseidon was informed what had happened, he traveled to the entrance of the underworld and wrestled with Cerberus, the 3-headed hound guarding the entrance to the underworld. He straddled the central head with his legs and headlocked the 2 outer heads with each arm, choking the hellhound to its death

He raged into the underworld and confronted Hades, only to find that Kore had just earlier lost all hope and agreed to marry Poseidon’s dread brother. So Poseidon chained Hades and forced a compromise by refusing to unchain him until he agreed to allow Kore (now Persephone) into the world on his winged-horse Pegasus.

For people without a technological knowledge, a flying vehicle could be described with the words **winged horse**.

“Pegasus bearing Persephone” – an oil painting by Tom Gilmore (Clothing overlay to original)



Some myth references suggest Kore may have practiced archery. This and the myth of Pegasus accounts for the evolution of the icon of Sagittarius into a half human half horse archer.

Once again Persephone could enjoy the blooming flowers of spring, but she must spend 1/3 of the year with Hades (during winter). This is similar to the daily 1/3 time of sleep that Morpheus demands, where the sleeper enters an alternate reality of the dreamscape, leaving 2/3 time of wakefulness



The Bohemian Tarot

Bohemia is at the western end of the modern Czech Republic, located centrally in mainland Europe, east of Germany.

“The Bohemian Tarot” is actually 2 decks of cards, referred to as the **Major and Minor Arcanum**. Both decks occult (hide) gnosis (knowledge).

The Minor Arcanum

The Minor Arcanum consists of 56 cards, 54 of which represented the seasonal Sumerian calendar, and with some modifications to the symbolism, are the basis of modern playing cards.

The Seasonal Calendar Cards

The Sumerian calendar year began with the vernal equinox (now around March 21), the first day of spring. Instead of months, the Sumerians segmented the year into quarters, astronomically corresponding with the 4 seasons, and they gave 13 weeks to each season. The $4 \times 13 = 52$ weeks of 7 days each is $52 \times 7 = 364$ days. The year is 365.2425 days long. Since 52 weeks is only 364 days, to adjust for the extra days over 364, every year there was a festival day, and (mostly) every four years there were two festival days (our leap year).

On the last year of 3 out of every 4 centuries the 2nd festival day was omitted (to keep in sync with the spring equinox).

The festival cards showed flamboyantly dressed characters representing the story-telling musicians (bards) performing at the festivals. The bards were commonly called “Jacks”, so there were 2 Jack cards.

To hide the calendar, the cards were intended for gambling, and the weeks 11, 12, and 13 were unnumbered, instead shown as Prince, Queen, and King, thus symbolically retaining the order, and 2 extraneous Jack cards were added to the deck of 54 making 56, and distributed in the suits. As an occult clue, the 2 fake Jacks were shown in profile and these are now known as the one-eyed Jacks.

Seasonal Suit Symbolism

Modern playing cards are derivative of the cards of the Ancient Sumerian and Egyptian calendar, but the symbolism on the cards has undergone a series of changes:

The Egyptian symbols were:

Water for the **spring** inundation

Hoes for **summer** tilling of the soil

Bushels for collecting the **fall** harvest

Scepter for the Pharaoh's forced servitude over the **winter**.

The Bohemian suits substituted:

Goblets representing the water

Swords “convert swords to plowshares”

Coins the cash value of the harvest

a **Club** replaced the scepter as conscript enforcement.

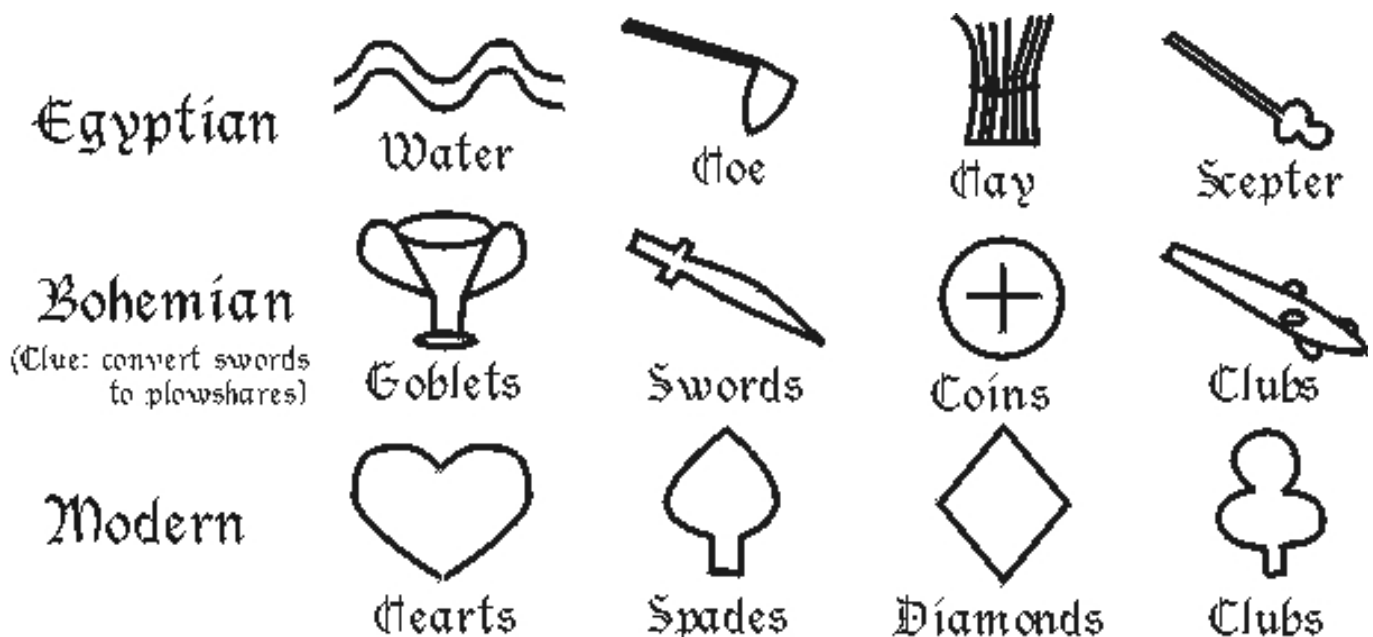
Modern suits use:

Hearts (shape of goblets)

Spades (a reversion to the hoe)

Diamonds (value as in coins)

Clubs (named for the club, but reverting to the shape of the tip of the Scepter).



Graphic by Tom Gilmore

After the Reformation the cards reverted back from decks of 56 to decks of 54. The Prince cards were replaced with the Jacks because the Prince looked too much like the King. The 2 festival cards were reintroduced as jugglers or clowns, now called Jokers.

Due to the aversion to Kings in the democratic west, the number 1 cards were designated as “aces” (meaning supreme), out ranking the King cards.

The Major Arcanum

The Major Arcanum consists of 22 pictographic Hebrew-alphabet letter-cards, each card with a Hebrew letter and its number in the alphabetic order.

The name TAROT is based on **Card 10** of the Major Arcanum.

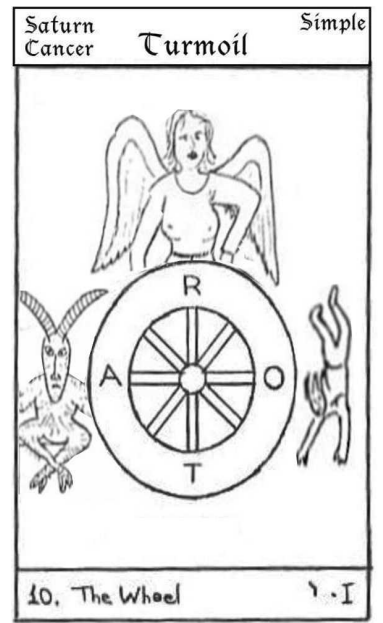
Inscribed on the wheel of Card 10 at the quadrants are the letters R, O, T, and A. When the wheel is rotated counterclockwise the letters at the top of the wheel spells ROTAR, Latin for rotation. When rotated and read from the bottom it spells TAROT.

The pictograms on the cards evolved to incorporate hiding additional knowledge (gnosis) from the inquisition. The cards were used for fortune telling in order to make them seem innocuous to the inquisition..

Some card pictograms were modified to indicate scientific knowledge.

The 4 quadrants where the ROTA letters are placed on the wheel of Card 10 represent the 4-part celestial segmentation of cycles regarding the Sun, Earth, and Moon.

Spring, Summer, Fall, Winter (for the seasons)
Waxing, Full, Waning, New (for phases of the Moon)
Dawn, Day, Dusk, Night (for the rotation of the Earth)

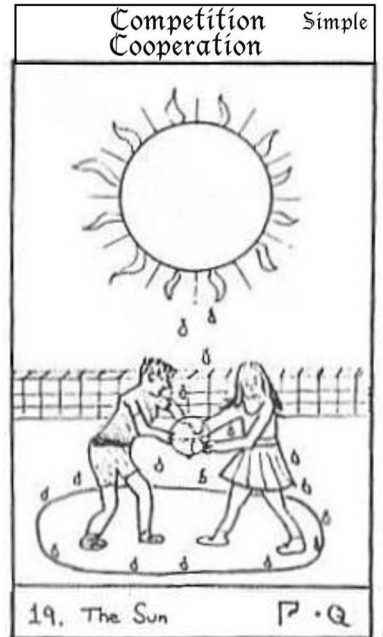
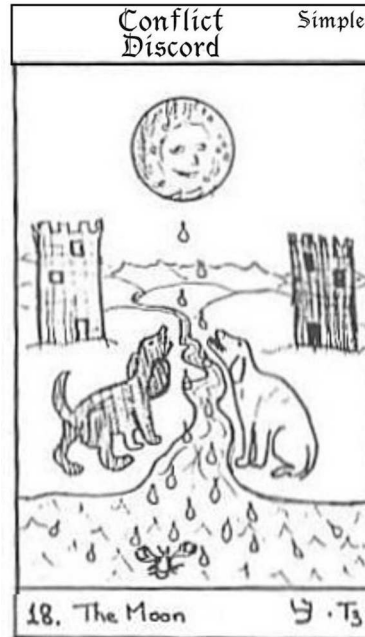


Sun-Earth-Moon and the Tides

It is the alignment of the Sun and Moon with Earth that determines the tidal fluctuation.

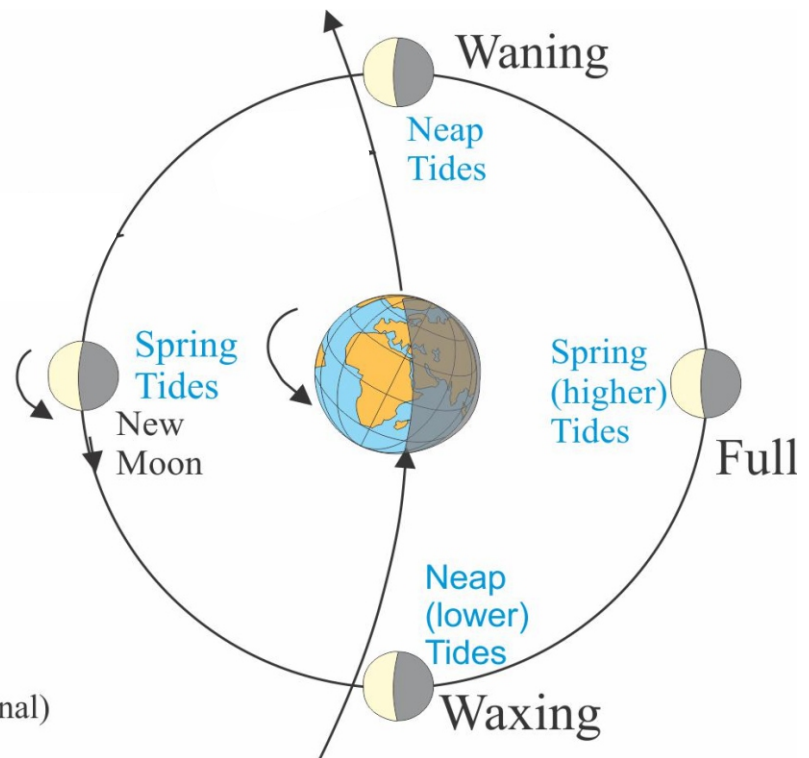
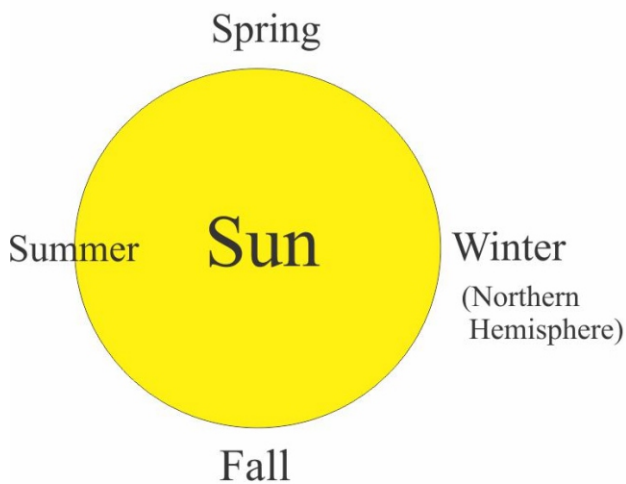
Tarot cards 18 and 19 depict disguised gravity from the Sun and Moon with droplets down to the ground. On the Moon card a bay is depicted, with a crustacean exposed by the low tide of a full Moon (the best time to search for clams and crabs).

As illustrated below, when the Sun and Moon are in line with the Earth, the gravity combines and the tides are maximized (called spring tides). When the Sun and Moon are at right angles to the Earth, the gravitational pulls act against each other, and the tides are minimized (called neap tides). The Moon is the primary contributor to the gravitation because in general the gravitational pull of the Sun is about half that of the Moon.



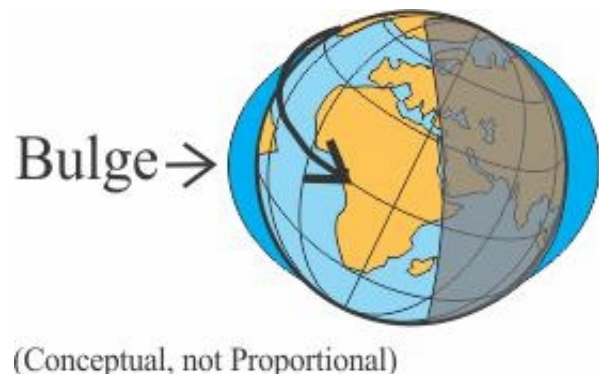
Conventional order of Moon-Sun (might be Sun-Moon)

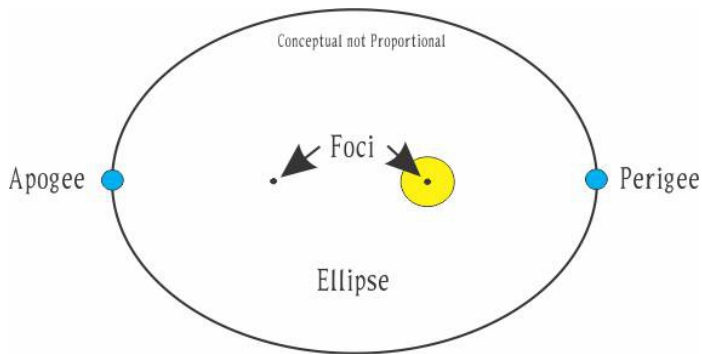
The droplet counts on the Moon card might originally have been double that of the Sun card.



It is the rotation of the Earth that produces the tides. The oceans rotate with the Earth, but the bulge does not rotate with the Earth, so the solid ground moves under the bulge. As the land moves into the bulge the tide rises, and as the land moves out of the bulge the tide retreats. This happens on both sides of the Earth (twice a day in most places).

The factors determining the extent of the tides are complex. The ocean floor and adjacent land configuration is a major local factor, as well as the latitude of the locality, so each location will have a unique tidal effect that varies by multiple parameters.





Elliptical Orbit

All orbits in the solar system are elliptical to varying degrees. In orbit, when furthest away it is termed apogee, and when closest it is termed perigee.

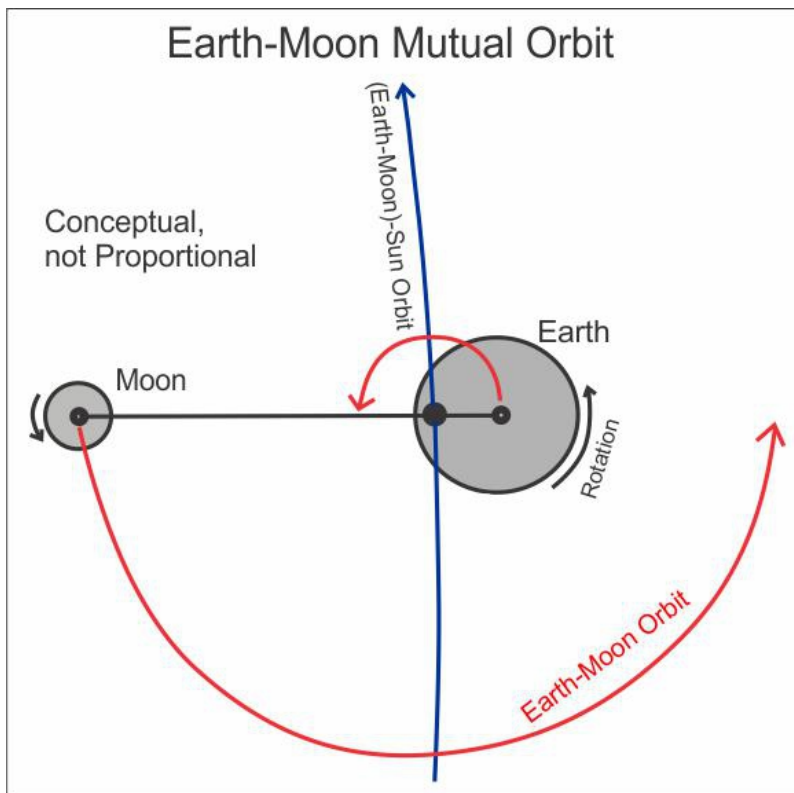
The gravitational pull of the Sun increases with perigee (closest) and decreases with apogee (furthest), effecting the degree of the tides.

Mutual Orbit

The dynamics of orbit are complicated by the fact that **all orbits are mutual**, meaning that the bodies orbit each other. The fulcrum of the orbit is determined by the relative gravity (not the size) of the bodies involved. If the bodies have equal gravity then the fulcrum (called a barycenter) is half-way between them, in other words they revolve around each other equally.

For the Earth and Moon in mutual orbit, the Earth draws the fulcrum of the mutual orbit to about 1,100 miles inside the surface (the radius of the Earth is around 3963 miles). This is illustrated at-right, showing how the centers of the Moon and Earth orbit around each other.

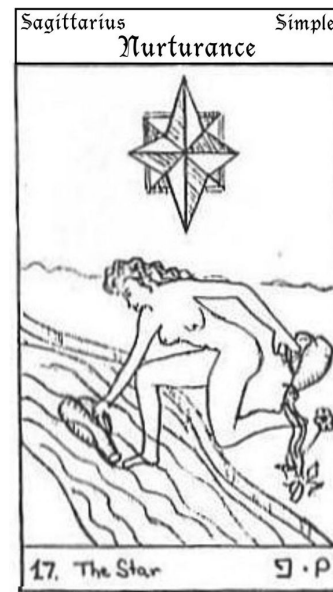
Due to the offset barycenter of the Moon/Earth orbit, the otherwise nearly circular orbit of the Moon is altered to an additional elliptical effect that cannot be eliminated.



Alchemy and Agriculture in the Tarot

Card 15 refers to chemistry (alchemy). The character of Pan is shown with “SOLVE” (dissolve) written on a raised arm, and “COAGULA” (coagulate meaning precipitate) on a lowered arm, symbolizing opposite chemical processes.

Card 17 has an eight-pointed star, the symbol of Inanna (Demeter) the Titan who introduced agriculture to humankind. She is shown at a river, using jugs to water a plant.



The Mobius Band in the Tarot

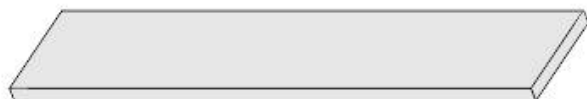
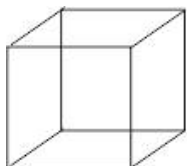
A crude depiction of the Mobius band can be seen in the early Bohemian Tarot of Papez on Card 1. It is hidden in the twisted brim of the floppy hat the character wears.



Mobius Band: The Illusion of Sidedness

It is the invalid mental concept of “**sidedness**” that makes the properties of the Mobius band perplexing.

The thinness of a strip of paper (shown below-right) obscures that it is actually a polyhedron with 6 faces, 8 vertices, and 12 edges. The mental concept of sidedness leads to interpreting the strip as having 2 “sides” and 4 “edges”, when in fact these 4 “edges” are 4 faces. The strip of paper has the same topographic elements as a cube (6 faces, 8 vertices, and 12 edges).



Topographically a **face** is any flat or curved surface, regardless of the complexity of the curves.

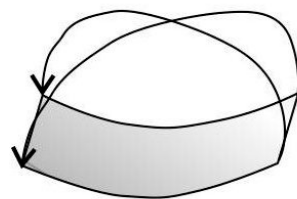
For an object without any holes: {Faces + Vertices = Edges + 2}

Constructing a Mobius Band

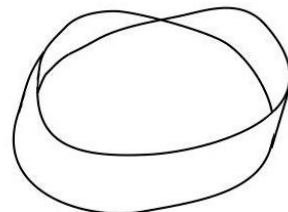
To make a Mobius band, take the strip, twist it and join the outer edges (with glue or tape), so that the right bottom joins to the left top and visa-versa.

The brain applying sidedness considers the Mobius band to have 2 sides, but the sides have been connected by the twist (a **crossover**) into one side.

In terms of sidedness the twist is a **crossover**.

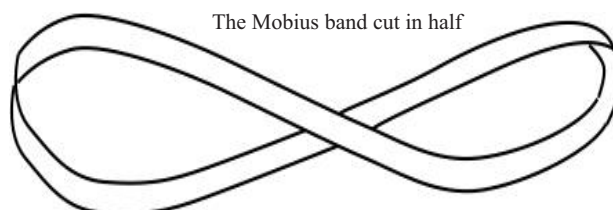
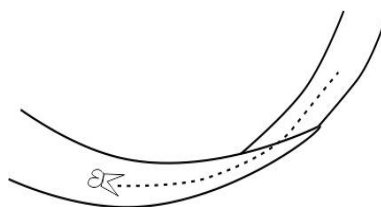


Mobius Band



Cutting the Mobius Band Laterally in Half

To cut the Mobius band in half, poke the scissor point through the middle of the band somewhere and cut along the middle of the band until back at the hole punched.



The Mobius band cut in half

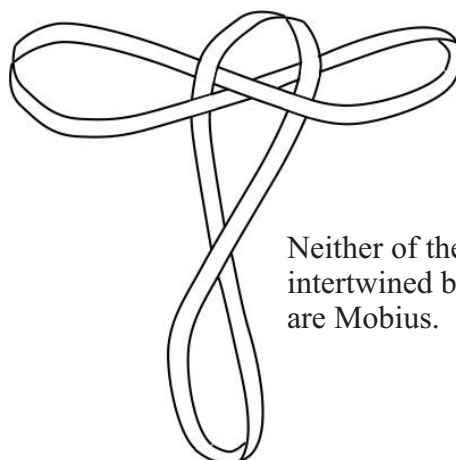
The common-sense function of your mind thinks you are cutting the Mobius band into separate halves, but the two halves remain continuous because in cutting through the inversion twist you have cut the **crossover** in half, into 2 **crossovers**, so the resulting band (shown above) has 2 twists, and since the area of the band is unchanged, the resulting band has twice the length, and half the width.

Cutting a Double-Twisted Band in Half

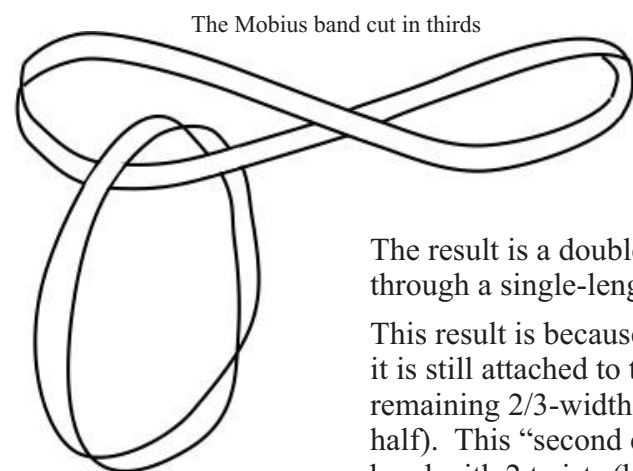
The double-twisted band is not back to the state of the cylinder-band (with no twists), and the confusion of sidedness is even further perplexing to commonsense.

The cut of a crossover in effect changes the cut into the opposite direction.

Cutting a band with 2 twists along the middle cuts 2 crossovers into 4 crossovers, resulting in 2 bands (of half-width) with 2 twists each, but each **crossover** cut has changed the cutting direction and intertwined the separated bands, so the 2 bands are interlaced by 2 mutual loops through each other.



Neither of the 2 intertwined bands are Mobius.



The Mobius band cut in thirds

Cutting the Mobius Band in Thirds

To cut the Mobius Band in thirds, poke the scissor point through the band at about 1/3 way across the band's width and cut parallel to the edge-side (twice around the band) until back at the hole punched. The cut will be continuous by thirds.

The result is a double-length 1/3-width band with 2 twists, but it is looped once through a single-length Mobius band that is 1/3-width.

This result is because on the first 1/3-width cut around, a Mobius strip has been cut, but it is still attached to the remaining 2/3 of the band. On the second cut around, the remaining 2/3-width of the band is being cut (just as when cutting the Mobius band in half). This "second cut" (of one continuous cut) produces a 1/3-width twice-length band with 2 twists (because the **crossover** is cut in 2), also changing the direction of the cut, and thus intertwining the two resulting bands.



The Kabal Tarot: Tree of Life Choices

The word "cabal" is derived from the secret society known as the cabalists, who created the Major Arcanum.

The Major Arcanum was created to use in hiding (in plain sight) the meaning of an ancient diagram of a Titan temple called the "Kabal" from the inquisition, using a cipher and a disguised diagram.

The temple diagram consists of 10 circles representing pillars and 22 lines connecting the pillars, called "paths" (meaning life choices). The paths relate to the 22 cards by traditional letter categories involving 3 types:

- 3 are "main" letters
- 7 are "compound" letters
- 12 are "simple" letters

In the temple diagram 3 connecting lines are horizontal (main), 7 are vertical (compound) and 12 are diagonal (simple).

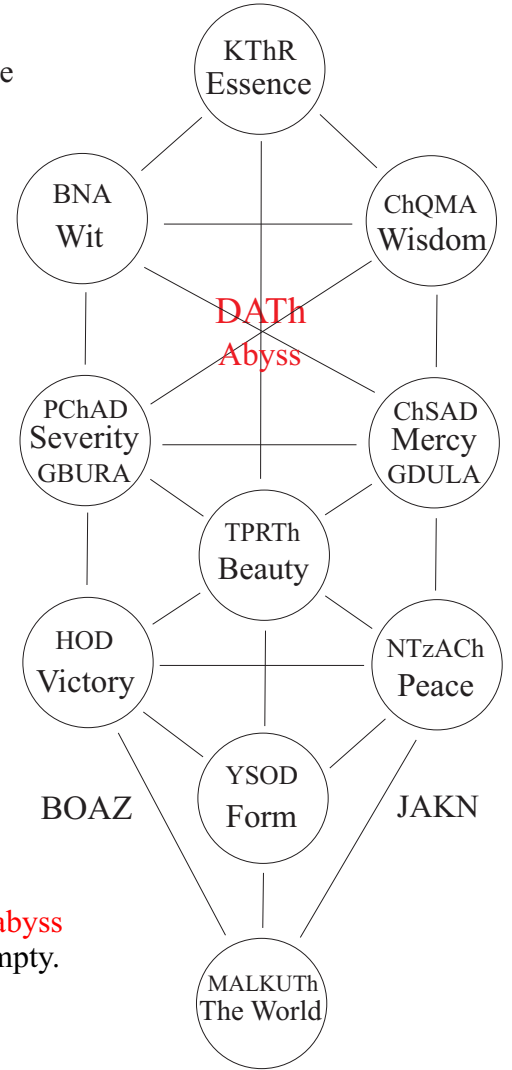
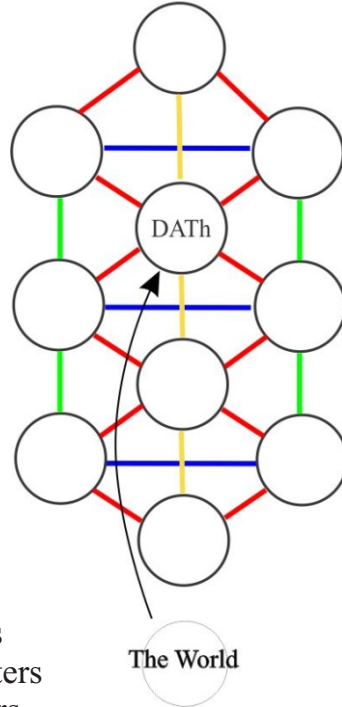
The cabalists incorporated clues to deducing the completion and restoration of the Temple diagram.

The reason that DATH (or DAATH) is written at upper-center is to indicate it is a label and a Pillar belongs there.

This move is confirmed by the label of the bottom Pillar being "The World" suggesting that by moving the bottom Pillar up to DATH, this places the World outside of the Temple.

The paths of the revised temple diagram become symmetrical. The paths are color coded.

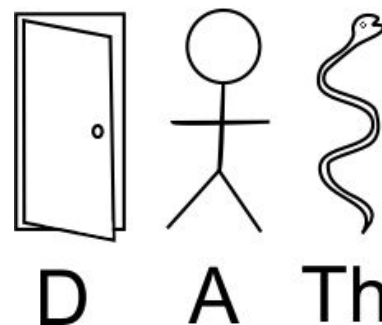
- 3 are Horizontal lines - "main" letters
- 7 are Vertical lines - "compound" letters
- 12 are Diagonal lines - "simple" letters



Hebrew	Letter	Category	Icon
א	Aleph	1 Main	Man
ב	Beth	2 Compound	House
ג	Gimel	3 Compound	
ד	Daleth	4 Compound	Door
ה	Heh	5 Simple	
ו	VaU	6 Simple	
ז	Zain	7 Simple	Sword
ח	Cheth	8 Simple	
ט	teTh	9 Simple	Serpent
י	IJod	10 Simple	Fishhook
כ	Kaph	11 Compound	Palm(hand)
ל	Lamed	12 Compound	
מ	Mem	13 Main	
נ	Nun	14 Simple	Food (fish)
ס	Samekh	15 Simple	[O] Pillar
צ	aYin	16 Simple	Greek Omicron
פ	Peh	17 Simple	
צ	Tzaddi	18 Simple	
ק	Qoph	19 Simple	
ר	Resh	20 Compound	
ש	Shin	21 Compound	
ת	Tau	22 Main	

The Concatenation

The cipher key to interpreting the Hebrew letters of the temple works by converting letters to icons that are shown somewhere in the pictograms of the cards. To apply the cipher, the card-icon for each Hebrew letter is substituted for the letter, and combined into a concept (concatenated).



The serpent traditionally represents knowledge

As illustrated above, the Hebrew-letter "word" DATH, concatenates as **Door(D) to Man's(A) Knowledge(Th)**, which is the **Mind**.

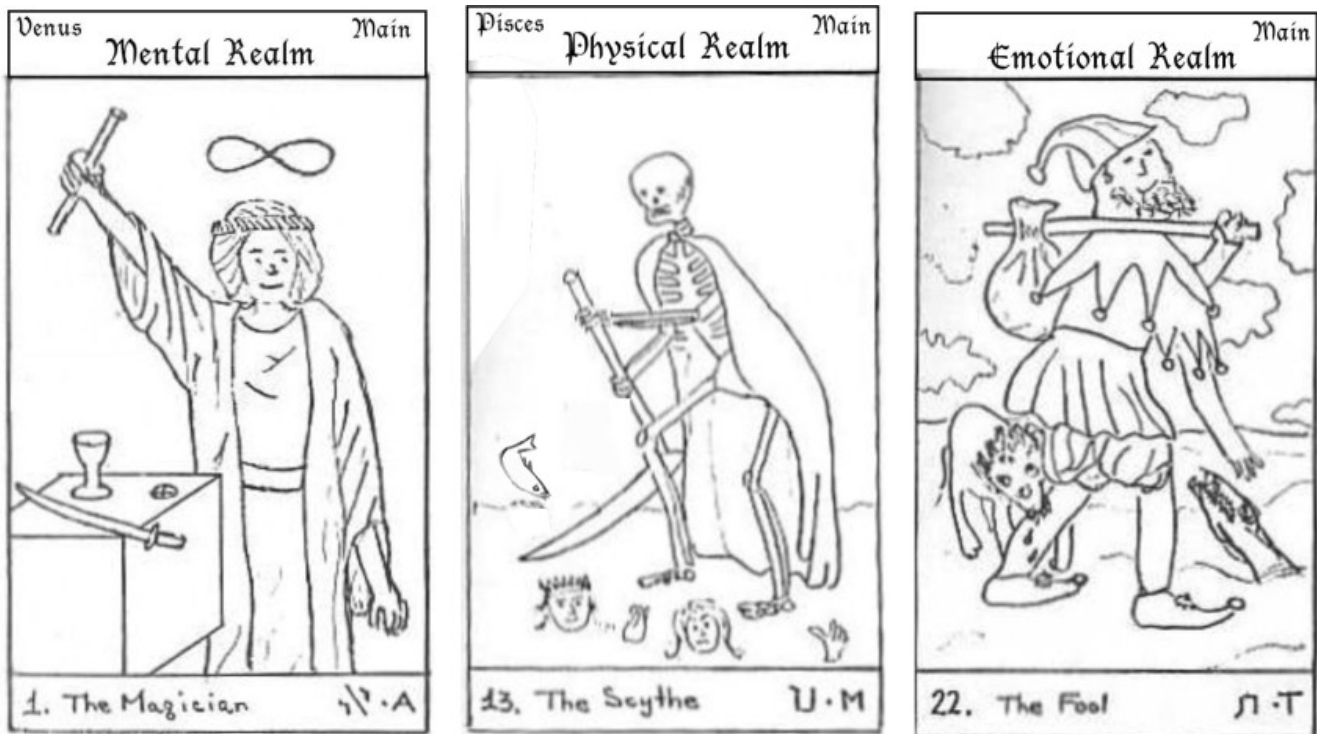
Note: DAATH is virtually the same but in plural as "Door to Men's Knowledge".

The Three-Realm Concept Replacing Two Pillar Labels

The top pillar is ESSENCE or sometimes shown as IDENTITY. The trine concept of mind, body and spirit is a long standing tradition, and it matches with the temple diagram when it is trifurcated into these 3 realms of existence. The 3 MAIN cards confirm these realms in their pictographs.

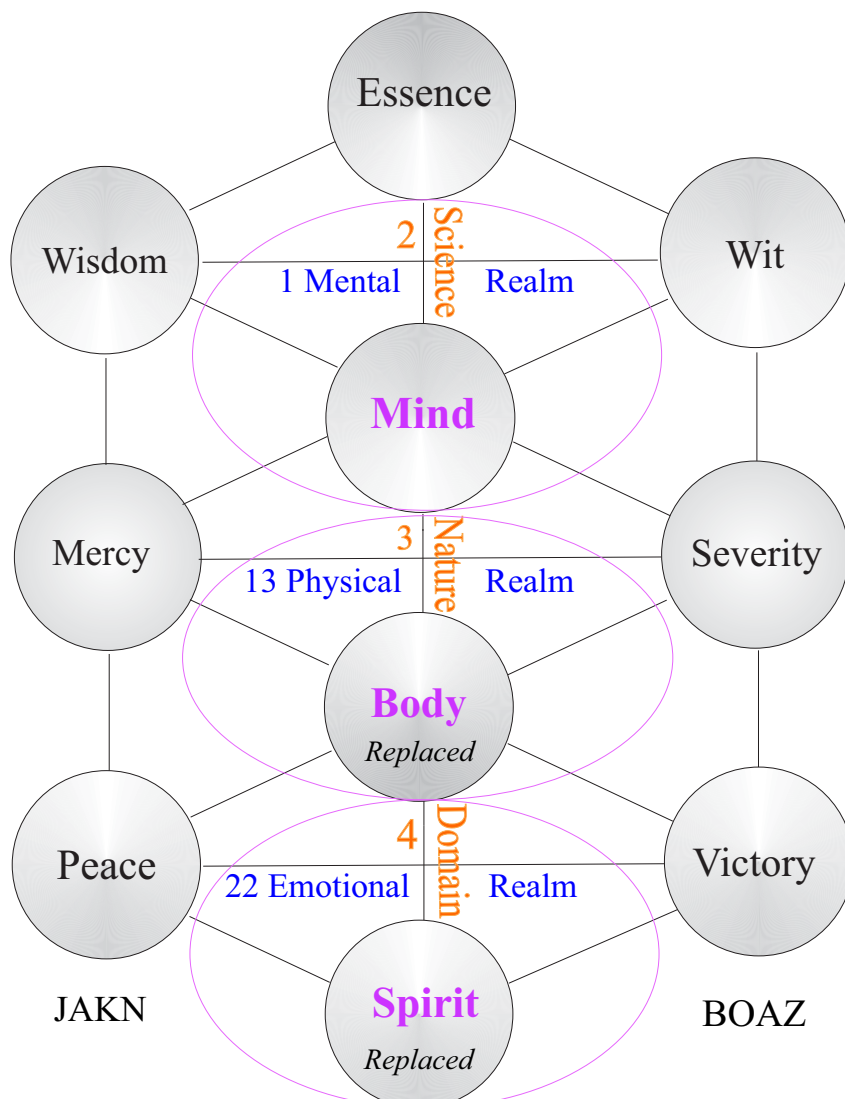
The 3 "main" letters (horizontal lines) represent the 3 realms of existence.

- Mind (Mental Realm) Card 1 "The Magician"
- Body (Physical Realm) Card 13 "The Scythe"
- Spirit (Spiritual Realm) Card 22 "The Fool"



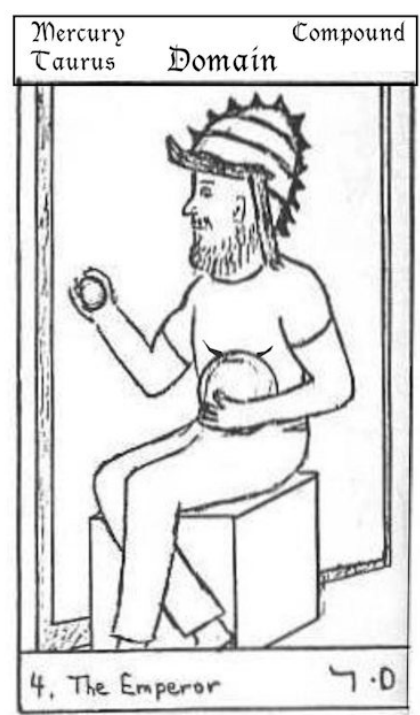
Hebrew is read right to left, English reads left to right, thus the labels of the left and right are switched below.

3-Realm Concept Restored



The 7 vertical lines are termed "compound" letters, because they are broken into 2 categories: 3 central verticals and 4 side verticals

The central verticals are 2, 3, 4. They correspond with the realm paths they cross

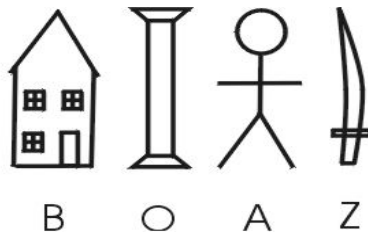


The Concatenation of JAKN and BOAZ

The meanings of JAKN and BOAZ are a tightly held secret because they reveal the purpose of the Titan Temple as being a self-help means to knowing thyself. Now, in the Age of Aquarius (Gnosis), it can be revealed, since the following was deduced, and not imparted through a secretive ritual.

The JAKN label of pillars interprets as "**fish-hook, man, hand, fish**", or obtaining sustenance from work (being a **laborer**, by example a fisherman). **Good**

The BOAZ label of pillars interprets as "**house, pillar (support), man, sword**", or taking possessions supported by force (by example being a **mercenary** robber or thief). **Evil**



Assigning the Remaining Paths

The sequentially paired paths are assigned according to the JAKN and BOAZ labels.

"**compound**" letters – **11–12,**
21–20

(The pair directions are inverted sequence so the correspondences are not obvious without de-cyphering JAKN and BOAZ.)

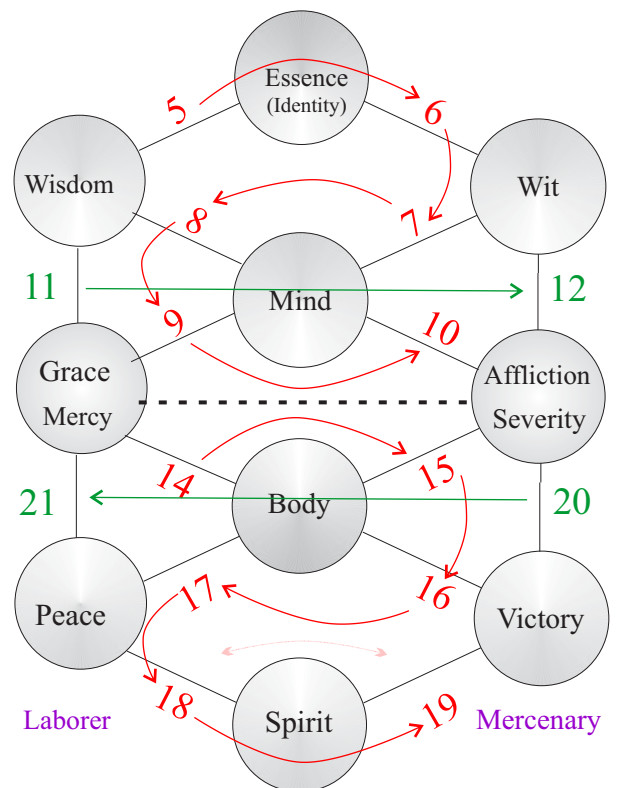
The **side** vertical paths represent the "results" of choosing the paths of **good** or **evil**.

"**simple**" letters: **5–6,** **8–7,** **9–10**
and **14–15,** **17–16,** **18–19**

The pair directions are the same in both sets (in sequence, inverted, in sequence),
if the pictograms of 18 and 19 are switched)

When Crowley incorrectly switched 21 and 22 it may have been 18 and 19 that should have been switched.

For the Kabal Tarot 18 and 19 have been switched.



Alistair Crowley's Mistake

Alistair Crowley advocated switching the pictograms of Cards 21 and 22 (they are alphabet cards, the letters cannot be switched). For the Kabal Tarot the original order is restored.

For the Kabala Tarot, Card 22 is the Fool, Card 21 is the World, not the World not the Fool

compound letters – 11–12, 21–20

Leo Scorpio
Capricorn
Happiness
Compound

11. Conquered Lion 5 · K

Jupiter
Gemini
Suffering
Compound

12. Hanging Man 4 · L

Gaia
Success
Compound

21. The World 10 · Sh

Gabriel
Failure
Compound

20. Judgment 14 · R

Simple letters – 5–6, 8–7, 9–10 and 14–15, 17–16, 18–19

Libra
Supplication
Simple

5. The Pope 17 · H

Temptation
Simple

6. Enamored One 1 · V

Mars
Arbitration
Simple

8. Justice 11 · Ch

Sun
Subjugation
Simple

7. The Chariot 7 · Z

Virgo
Serenity
Simple

9. The Hermit 9 · Th

Saturn
Cancer
Turmoil
Simple

10. The Wheel 10 · I

Aquarius
Temporance
Simple

14. Temperance 12 · N

Aries
Enslavement
Simple

15. The Devil 15 · S

Sagittarius
Nurturance
Simple

17. The Star 17 · P

Destruction
Simple

16. The Tower 16 · Y

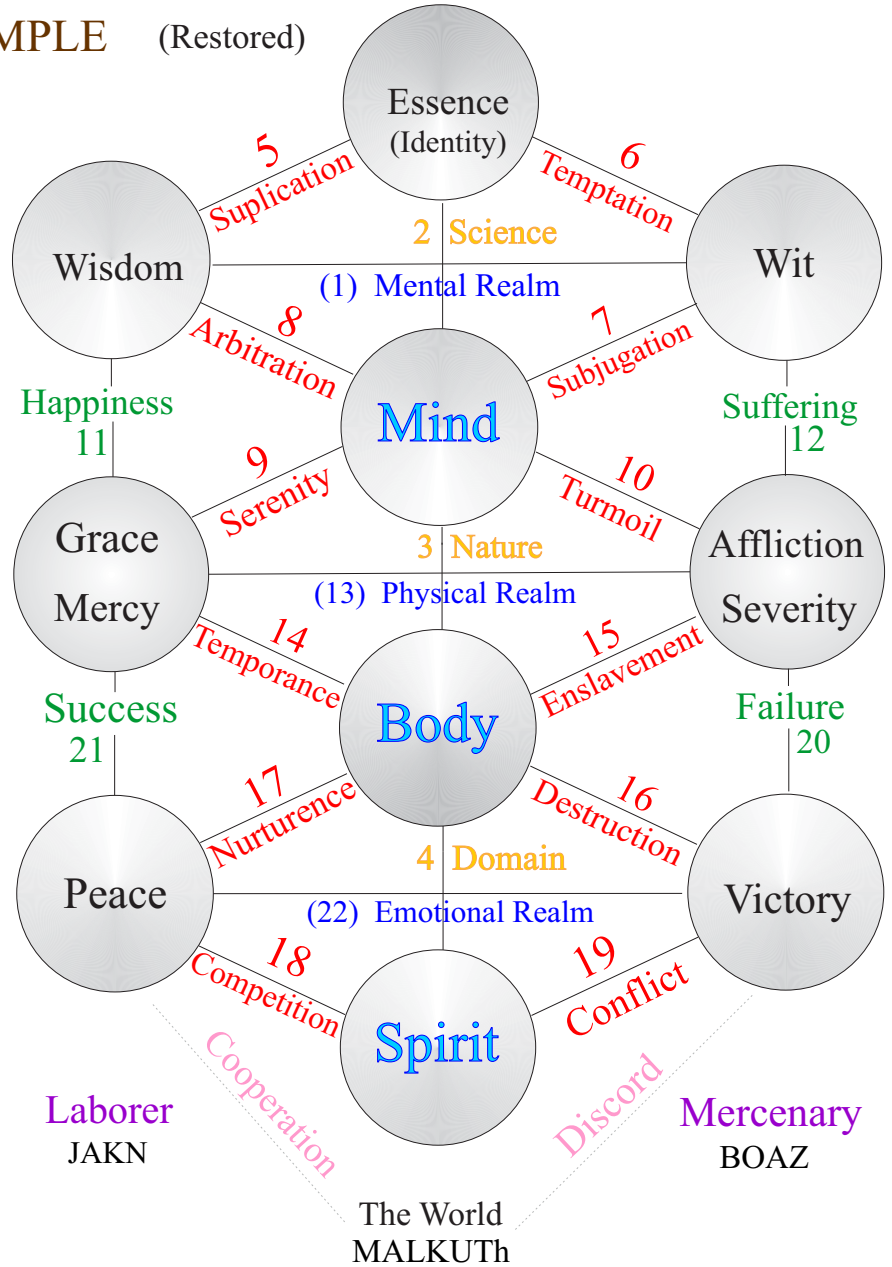
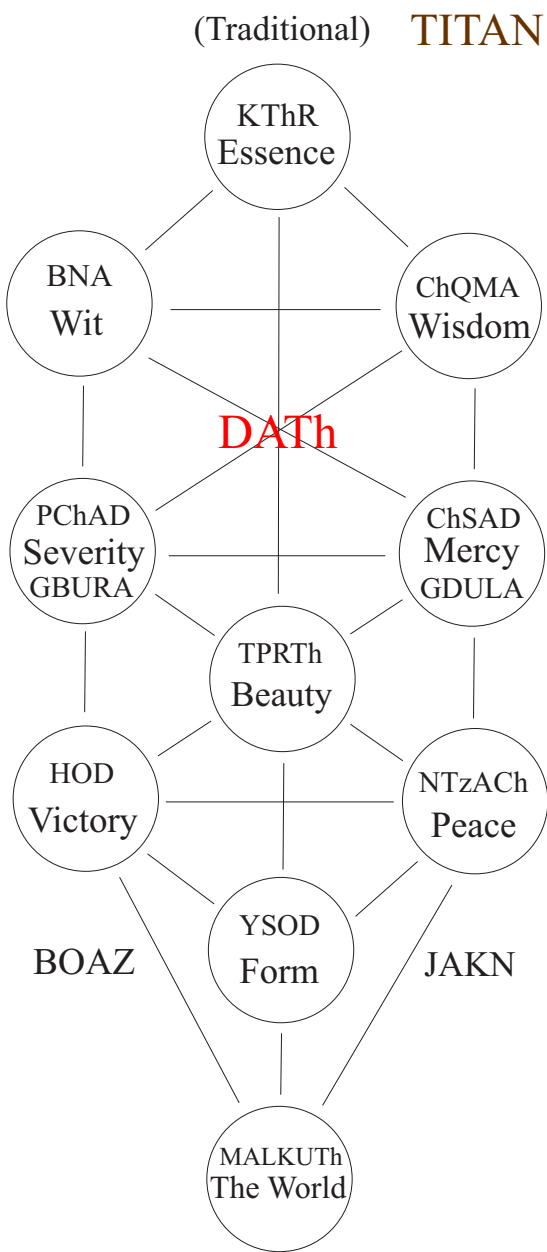
Competition
Cooperation
Simple

18. The Sun 19 · T3

Conflict
Discord
Simple

19. The Moon 18 · Q

The traditional diagram of the Tree-of-Life is shown below to the left. To the right is the revised Tree deduced by Tom Gilmore.



The **prime message** can be read from the left and right stacks of **column labels** and their vertical **results**.

“The **Wisdom** of showing **Mercy** and seeking **Peace** result in **Happiness** and **Success**, while using **Wit** for the **Severity** of **Victory** results in **Suffering** and **Failure**”



Some Light on the Path

Zoroaster The Golden Rule

It is uncertain exactly when or where the “Persian” sage Zoroaster lived. His name is associated with the development of the first “religion” (actually philosophy) to extend across the known-world. Zoroaster is reputed to have meditated in an isolated cave for 9 years, in order to achieve perfect being, and came to the realization we are all one and should treat others as oneself.

Buddha – Realization

The Buddha was reputed to have meditated many years seeking enlightenment. At long last, while sitting under a banyan tree it came to him that he had already been enlightened at the start of his search (by the golden rule of Zoroaster), and only needed to connect the truth with his inner being. That is why for Buddhists, enlightenment is connecting the inner self to the enlightened truth (of The Way).

Lao Tzu - The Way

In China, sage Lao Tzu founded Taoism (Tao means The Way). It is said that Lao Tzu had to flee China for accusing the Emperor of spreading darkness. Lao Tzu was a master calligrapher, known for his beautiful renditions of the ancient Chinese characters, so at the Great Wall the Captain of the gate demanded Lao produce a calligraphic depiction of The Way in exchange for passage. It is said Lao produced a magnificent calligraphy of 4 pairs of ancient Chinese characters to describe the four precepts of Taoism. These 4 characters are on the corners of the “Book of Tao” graphic below.

The first precept is commonly interpreted as “The mother of all things cannot be named”. A more direct phrase would be “**The Creation is Mysterious**” (and cannot be comprehended).



The second is “**Embodying the Tao**”. This simply means “Live by the Golden Rule”.

The other 2 phrases explain existence.

“**Nourishment of the Person**”. This is the notion that the purpose of the Creation is to foster (nourish) intelligent life (a person). Each person embodies the Creator's purpose.

The last is “**The Fountainless**”, meaning “Uncaused Cause” or first event. Without a first event everything would be waiting for a prior event, and nothing could yet be happening.



The Book of Tao, a graphic by Tom Gilmore

The Cathars

Jesus admonished that there should be no Rabbis and no Synagogues, but the reality of an arch-evil Church forced Gnostics to seek safety in numbers by organizing groups, and the groups joining, until the admonition to be without leaders was forgotten, and the Cathar (a word meaning “the pure”) movement began.

The Cathars were divided into The **Believers** (who strove to live by the light of Jesus' teaching), and The **Perfect** (Monks of the Brotherhood, who lived in Monasteries, devoting their lives to austerity).

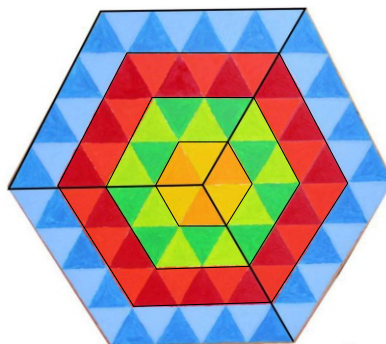
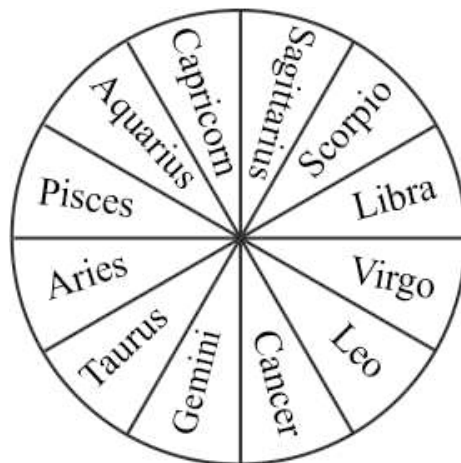
The Cathars were considered as heretics for claiming that in the plot to fulfill the prophecies Judas was serving Jesus, at Jesus' instruction, by fulfilling the prophecy of “betraying” him for 30 pieces of silver, and that Jesus rewarded Judas' sacrifice by imparting to him alone among the apostles a secret knowledge. This secret was passed on in the Cathar movement in a ritual known as the **Consolamentum** (named for the last supper when Jesus consoled the disciples regarding his pending death). The Perfect initiate (to become a Monk) was informed that:

**Man is an alien being, stranded on an evil Earth,
and that he must strive to free his spirit from the evil material world to release the essential good within.**

Jupiter's Zodiac - An oil painting by Tom Gilmore



*In the “star-cluster” depictions of the **fixed-cross** Signs at the corners, the human head representing the modern “Water Bearer” was used, because the artist had not yet discovered that Aquarius was originally the Tree Serpent. (But knew that Scorpio was the Bird of Prey)*



Cubes, Hexagons, Diamonds and Triangles