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የጥምር፡ዕውቀት።

1st ideas of inner & outer space:
Science, the Arts & Maths
in one unified knowledge story.



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Abit's Secret

Overstanding the Warrior's Province

ክስተማሪ ባቴኩን
Astehmari Batekun

Glossary of Key words and terms

albo, አለቦ, empty, zero

Abit, አቢት a.bi.ti: 1) praying mantis (insect), 2) African Dead Leaf Mantis.

airspace, 1) air/gases, 2) energy, 3) areas and volume, 4) see ግዛት.

allegory, a story, poem, or picture which can be interpreted to reveal a hidden meaning, typically a moral or political one.

Amharic, አማርኛ ah.ma.rnga the official language of Ethiopia, a Semitic language descended from Ge'ez ግዕዝ g.ur.z and spoken by about 9 million people.

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atomic elements, The word atom is derived from the word atom and atom which means indivisible. Atoms are composed of three type of particles (atomic elements): protons, neutrons, and electron

axion, A starting point of reasoning conceived as a premise / postulate so evident as to be accepted as true without controversy.

balance, an even distribution of weight enabling someone or something to remain upright and steady.

baobab tree, a bombacaceous tree, Adansonia digitata, native to Africa, that has a very thick trunk, large white flowers, and a gourdlike fruit with an edible pulp

binary drumming, unique drumming system used in SOUL and Unifiedknowledge practice that connects number, music and language creativity.

birthright, a particular right of possession or privilege a person has from birth. A natural or moral right, possessed by everyone.

brhan ch'ehlehma, see ብርሃን፡ጨለማ፡፡

bonding forces forces of attraction or repulsion which act between neighbouring particles such as atoms, molecules or ions.

circle, a round plane figure whose boundary (the circumference) consists of points equidistant from a fixed point (the centre).

circumference, the enclosing boundary of a curved geometric figure, especially a circle.

competent, having the necessary ability, knowledge, or skill to do something properly / successfully.

conscious / consciousness, the state of being awake, aware, alert, knowledgeable and expressing concentration of and responsive to one's surrounding and internal environments.

cube, a symmetrical three-dimensional shape, either solid or hollow, contained by six equal squares.

Dankira Tehwagi, Warrior Dance of a specific pattern. Mind-breath-body harmonisation practice and African martial-cultural art-science.

Darklight, see ብርሃን፡ጨለማ፡፡

density, the degree of compactness of a substance.

diameter, a straight line passing from side to side through the centre of a body or figure, especially a circle or sphere.

dimensions, an aspect or feature of a situation.

duality, two states, two poles, both of which arise from an apparent division of unity, ie. wave-particle, negative-positive, inner-outer space, electric-magnetic fields etc.

eboni tree / ebony tree, Ebony is a dense black wood, most commonly yielded by several different species in the genus Diospyros. Ebony is dense enough to sink in water. It is finely-textured and has a very smooth beautiful finish when polished,

electrons, the electron is a subatomic particle with a negative elementary electric charge.

elements, an essential or characteristic part of something abstract.

energy, In physics, energy is a property of objects which can be transferred to other objects or converted into different forms, but cannot be created or destroyed.

fire, a process in which substances combine chemically with oxygen from the air and typically give out bright light, heat, and smoke; combustion or burning.

force, In physics, a force is any interaction that, when unopposed, will change the motion of an object. In other words, a force can cause an object with mass to change its velocity (which includes to begin moving from a state of rest), i.e., to accelerate. Force can also be described by intuitive concepts such as a push or a pull.

gzat, also g.za.t, see ግዛት

gas, an air-like fluid substance which expands freely to fill any space available, irrespective of its quantity.

gravity or gravitation, a natural phenomenon by which all things appear to attract one another including stars, planets, galaxies, other beings and even light and sub-atomic particles.

ground space area, a conceptual aspect of I-personal-province, see page 88.

hashima, respect, see ሐሻማ

harmony, "joint, agreement, concord" is the blend of sounds (or other factors) in such a manner that the overall sound (experience) is enhanced. It has therefore the character of 'emergence', where the enjoyed sum is greater than the parts.

overstanding, in unifiedknowledge practice it is said that one should not "understand" or stand under an idea; when they absorb, correctly perceive and realise an idea (its core and related principles/laws) they "overstand" it and thus one becomes creative. if you can simply use something or do a job without grasp of its core principles, you understand and memorize enough to act. in order to innovate, redesign, be creative, you must overstand. understanding can enable one to drive the car, but overstanding builds it, (or replaces it with something better).

patterns, 1) a regular and intelligible form or sequence discernible in the way in which something happens or is done. 2) a repeated design, shape, form etc.

perceptions, the ability to come to know through one's senses

point, 1) the place one puts one's consciousness, 2) a point is an exact position or location on a plane surface. it is important to overstand that a point is not a thing, but a place. we indicate the position of a point by placing a dot with a pencil. this dot may have a diameter of, say, 0.2mm, but a point has no size. no matter how far you zoomed in, it would still have no width. since a point is a place, not a thing, it has no dimensions.

positive qualities, see negative qualities

power, 1) the ability or capacity to complete a task activity, 2) strength, vigour, force or effectiveness. 3) a person or group exercising control or influence. 4) physics; a measure of the rate of doing work, expressed as 'work done per unit of time'. 5) converting energy from one form to another.

principles, see natural law.

protons, a proton is a subatomic particle found in the nucleus of every atom. the particle has a positive electrical charge, equal and opposite to that of the electron.

ratio, a rule of relationship; parts to each other and parts to the whole.

Schools Of Unified Learning (SOUL), foundation of unifiedknowledge practice.
twitter: @uLearnNaturally,
web: www.unifiedknowledge.org
web: www.youtube.com/unifiedknowledge
web: www.abundancecentre.org

shape, a specific form, a particular condition, the outline of something you can perceive.

solid, of definite shape and volume; not liquid or gaseous.

sphere, a ball shape where the surface is the same distance from the centre at all points.

spiral, a curve on a plane that winds around a fixed centre point at a continuously increasing or decreasing distance from the point.

square, 1) a plane figure (shape) having four equal sides. 2) in maths, the product obtained when a number or quantity is multiplied by itself: 49 is the square of 7.

t'ena yist'Ign see ጤና : ይስጥልኝ ::

Tehwagi Asab, see ተዋጊ አሳብ::

three dimensional, relating to Three-dimensional space (also: 3D) is a geometric three-parameter modelling tool for perception of the physical universe (without considering time) in which all known matter exists. These "three dimensions" can be labelled by a combination of three chosen from the terms length, width, height, depth, and breadth.

time, a point or period of a natural (or artificial) rhythmic cycle typically used in the reckoning (measure for knowledge) of events' relationships in relative space.

Transformations of Winchi, a course and SOUL school workshop using dance (Dankira Tehwagi) to explore and learn the maths ideas related to geometric transformation.

triangle, the plane figure (shape) formed by connecting three points not in a straight line by straight line segments; a three-sided polygon.

trinity, A group consisting of three closely related members.

Unifiedknowledge, see የጥምር:ዕውቀት::

universal, Of, relating to, or affecting the entire universe: the universal laws of physics.

vibrates, 1) To move back and forth or to and fro, especially rhythmically and rapidly, 2) To produce a sound; resonate.

visualize, To form a mental image of; visualisation is a powerful reason and mechanism for learning maths (the study and application of patterns). It may start with noticing and describing, but it always involves imagination and prediction.

volume, The amount of space occupied by a three-dimensional object or region of space, expressed in cubic units.

water, A clear, colourless, odourless, and tasteless liquid, H₂O, essential for most plant and animal life and the most widely used of all solvents. Freezing point 0°C (32°F); boiling point 100°C (212°F);

Winchi, ዊንቸ፣ wi.n.chi:: 1) cranes (birds), 2) African Crowned Crane.

አንድነት:: ah.n.d.neh.t.: unity

አንዲ:: ur.n.de: an expression of being greatly impressed

ሐሺማ ha(h).shi.ma (heshima) is a swahili word that within our community is imbued with a very profound depth. Hashima directly means respect. The value of respect is universally understood amongst all people of the world, thus it's expression is a universal language. From an African place of being we recognise that respect calls on gratitude, which is rightly shown at the beginning and end of all matters of importance. Thus we give thanks. Hashima is appreciation, honour and admiration. That which One respects is well thought of. Hashima is due to everyone, everything and every experience as all come into being via higher orders. At the heart of hashima is maat; Where hashima is lacking... there is danger.

ማካት:: ma.a.t.: truth, justice, order and right

ተዋሊ:: teh.wa.gi: 1) A warrior; One whose very birth proves their fighting spirit. 2)One skilled in fighting ways and/or martial practices. 3) One who studies and practices the Tehwagi Asab. 4) A defender of the "province" ግዛት who strives for success in all endeavours.

ደንኪራ-ተዋሊ:: da.n.ki.ra.teh.wa.gi: "Warrior Dance" of a specific pattern, a contemporary pan-african rhythm-based cultural (including martial) arts practice involving many dimensions of learning and self-development. This discipline supports mind-breath-body harmony (like yoga, dance or sports can do).

ግዛት:: g.za.t.: The Warrior Province is a region of space (land, air and mind) that the Warrior perceives as their responsibility thus they continually seek to maintain a harmony of peace, power and wisdom throughout their province. In common terms a province (gzat) is a territory governed as a unit of a country or federal republic. Schools of Unified Learning broadens the idea so that it can serve a richer creative, metaphorical and educational purpose, thus a province (gzat) is a region of space (principle aspects; land, air and mind). Land-space (matter) can be viewed as the physical body or the geographic land occupied by persons. Air-space (energy) can be viewed as the air that surrounds and pervades the body (land) or as a aphorism for spirit (relating to breath). Mind-space can be viewed as the domain of consciousness (the mind) or the highest (supreme) and most commonly recognised organising inner principle (intelligence, ንጥር nt'r) in human beings. These ways of coming to know nurture wholesome responsibility and the deepest realisation of key unities revealed through the careful study of the principles of each domain level of the gzat; personal, family, community, nation, earth, universe.

የጥግር ዕውቀት:: yeh.t'm.r: ur.wu.k'eh.t.: is an Amharic (Ethiopian) term meaning "unified knowledge". unifiedknowledge is an approach to learning (pedagogy) where art, mathematics and the sciences are taught as an integrated one - naturally. It involves dance, visualisation, writing, individual and team work, fun, presentations, logic, challenge, visual arts, reasoning, humour, music creation, multi-media, intuition and creativity in abundance. The practice is nature centred and principle driven. It is comprehensively defined through six objectives and ten principles, processes and protocols (find out more at unifiedknowledge.org).

ብርሃን ጨለማ:: b.r.ha.n.ch'eh.leh.ma: "light without light", a creative term eluding to that which is underlying the electromagnetic spectrum.

የተዋሊ ግዛት:: yeh.teh.wa.gi : g.za.t.: (the symbol) means "Warrior's Province", see province for the basic meaning. This symbol fully sited throughout this guide is a visual icon of the Warrior's Province. Land-space can be viewed as its points and lines. Air-space can be viewed as the areas contained within and outside of the regions of points and lines. Mind-space can be viewed as the principles (laws) of relationship between the points, lines, areas, patterns, perceptions and truths reflective in the domain of consciousness (the mind). This symbol is also used to represent the tehwagi asab. The symbol is a powerful learning resource in unifiedknowledge practice as much information is (and can be) embedded into it.

ንጥፋሽ ክክለ:: t.n.fa.sh:ah.zeh.zeh: breath command practice develop through eleven distinct types of breath command (techniques).

የተዋሊ ክሳብ:: yeh.teh.wa.gi : a(h).sa.b: (Warrior's Idea) is expressed as a philosophical utterance (a profound, well reasoned and poetic statement) on the way of the warrior (any person who rises in the face of challenge with the determination to succeed). It is used as a tool of contemplation, sababu (reasoning) and process of agreement. In Schools of Unified Learning all people are viewed as tehwagi (warrior) as their very existence proves their victory in the initial struggle (challenge) of male and female seeds meeting to form a union (oneness, unity, peace, love).

" The Warrior Idea is the thoughts and perceptions of the warrior's mind forming clear desires, intentions and plans for the establishment and maintenance of peace throughout their province. Through the creation of power and the communication of wisdom, the warrior relentlessly strives to grasp all of the Tehwagi Asab in the knowledge that the Self of the warrior (i) and the Self of the community (i and i) are One. "

አገዢ ጭንቅጋ:: ሐሺማ ተዋሊ ክሳብ:: ur.g.z.r.yi.m.s.ga.n: ha.shi.ma:teh.wa.gi:a.sa.b: A greeting and salute expressed at the beginning and conclusion of important events, it means "Creator be praised. Respect the Warrior Idea"



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- **ᠵᠠᠲᠤ Gzat: The Province of One**

introducing foundational math principles of space through cultural metaphor. Drawing (visual art) and warrior dance movements combined enhances this multi-sensory learning.

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Well done, ሐሽማ፡፡

We hope and trust that you have found great insight and learning through the processes of የጥምር፡ዕውቀት፡፡

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web: peoplescience.org.uk/resources

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- Unifiedknowledge for Educators and School Builders
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Abit's Secret

Overstanding the Warrior's Province

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