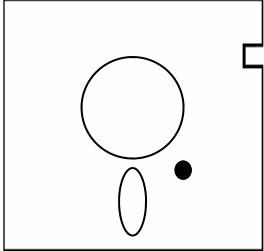


The Data Society



The Data Society

Vol. 1 issue 1

For youth who must write, —and want to know things.

Published Monthly

The Convoluted Speed of Thought: Permutations of the Loci of the Brain-Mind Structure

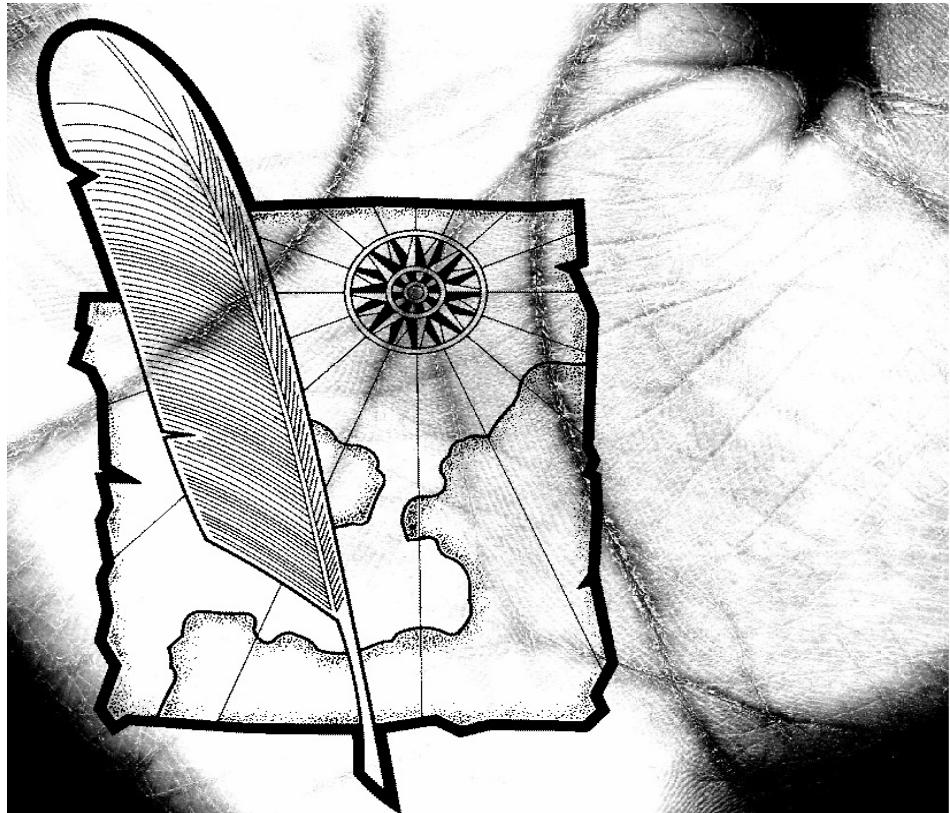
Man-animal and fire have been intertwined for ages but recently we have re-discovered a fire so brilliant that it surprises us and gives new names and new mental directions to our view of the Cosmos. But in this *new* single fire alone you can find all the progress of humanity, all the real reasons why we stand erect above all other creatures. What fire is this that so sings us: man's Mind Fire.

Although we re-discover it from time to time, this Mind Fire was never 'new' to man, never discovered as ordinary fire was, but has always been with man, has always aided his cultivation of all other new found things--including physical fire, and only in this Mind Fire do we see displays of the essence of the convoluted speed of thought.

His Mind Fire, as it is, engages the vast complexity of his thought. With grasping hands and a refinement of tomorrow's tomorrow men convolute the past, illustrate the present, and live in the future; ever proving mastery over many of nature's things, —time and folded time again.

What animal repeats for its prodigy thoughts about today in context of tomorrow so that *child* can enjoy the future and be safely productive in it?

And really, --what dog 'worry worry worries' about the thousands of ways his bone can become lost, or perish-the-thought, that it wouldn't have been him who found it in the past anyway: only man worries in such manifold ways.



What animal Macadamizes?

What animal counts--and counts back in time and forward also or, quite definitively, adds and subtracts days from both here and almost now, and from both then and to come (we lie).

What animal invents to improve the present repeatable systems: When we got tired of going on walks over to the neighbors house to knock on the door, we invented the telephone 'Bell', as it were, to save a lot of time--future time...

As in 'the infinite variety of music' so we can also speak of man's 'infinite variety of thought'; not because there are more humans than other creatures, but because of the permutations of his thought and the

places man may go with "just a thought." This then is what brings about that convoluted speed that rapidly gets things done. And, like ordinary fire, Mind Fire--hidden or only half hidden--shines out 'like shook foil' in our variety of biographies.

This folding we do with our space and time comes as a result of how many loci there are in the brain-mind structure. If there are, say, 50 loci in the brain and we were to permute these loci (i.e. the possible ways one brain cell can 'talk through' 10,000 other connections) the number would be quite exhaustive; on the other frame, if the mind side of this structure is a separate entity and connected to these brain loci permutations such that the 50 brain loci permutations are permuted again along with the mind-side loci, then...*Erg!* (*Erg!*: we just have something not commonly *Continued, Pg 3*

The Data Society

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About Us

The "The Data Society" newsletter offers youth a printed forum for their creative submissions while aiding them in their interaction with the written media.

It is our aim to develop a network of contributing editors to achieve a united effort to inform, educate, stimulate, and otherwise amuse.

(Images used herein were obtained from IMSI's MasterClips Collection, 1895 Francisco Blvd. East, San Rafael, CA 94901-5506, USA)

VELOCITIES

Editors

One third of the calories we eat are burned in our dance with the forces associated with gravity.

The fattest organ in the body: the Brain. It is about 60% fat.

It would take 1,200,000 mosquitoes, each sucking once, to completely drain a five liter container of human blood. **Wiwk!**

Inside the car tunnels where lights have been installed, the farther the distance between the lights the faster the drivers will go. **Wiwk!**

During the 2,475,576,000 seconds of the average length life, we speak 123,205,750 words, have sex 4,239 times, shed 121 pints of tears.

Every human spent about half an hour as a single cell. **Wiwk!**

The average can of cat food has the nutritional values of five mice.



If you go blind in one eye, you'll only lose about one-fifth of your vision—but all of your depth perception.

Output of the sun: 10^{45} photons per second.
Wiwk!

From 120 elements come approximately 30 million known chemical compounds. **Wiwk!**

The United States and the Philippines are the only countries that allow bounty hunting.

We know of about 500 species of archaea, but there may be a million more. Archaea is thought to be about 30 percent of the biomass on Earth, much of it in the Antarctic Ocean.

(continued from page 1) imagined that is very very large, indeed)

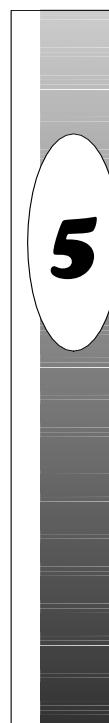
When we add worry to this, when we begin to live in the past or expect life in the future, we have by that very process, like the Ixs of Dune, folded time and living space, and have added a dimension, traveling on to somewhere at glorious speeds. Again, what other animal has this amount of Erg! to do that?

This convoluted field of thought has freshness and breadth. It is a joy to those who must write on this lasting phenomenon of our Rain Men, -- and want to know things about the special cultivated history that is only found, at present, in the Mind Fire of the humanities.

Brilliant !

Dust and dirt hail from the same mother but have different dads; thus, dust we associate with air—dirt, however, has its origin in excrement.

*Dust, Joseph A. Amato.
Thank you, thank you!*



Address all submissions to: The Data Society, 5415 S. Orchard Street #144
Tacoma, WA. 98467 Entries submitted cannot be returned.



The Data Society So What do We Want

Mind Fire

Editor: (...something set his mind afire when he read that line about chemical fires in the brain lasting only femto-seconds or such...did that really happen and if that were true, then might there be more than 240 different kinds of fire in these little gray cells with their tiny dendritic spaces...just that thought alone began to set off another fire in his mind) From, "Fire in the Mind, part 1," by D'fils.

Touch

In the course of your human history something in the world of science has touched you along the way; do you have a story to tell?

Jelly Belly Butter Brain

Human biology, the 500 wonders involved with each organ in the body. The sweet grumble of jelly belly and the nice spread of our buttery brains. (Does the brain really look like butter?)

That Means...Math

During the past 30 some years there have been ten pairs of Moon boots left on the Moon by NASA. At \$30,000 a pair, Dave Graziosi's team at ILC Dover, in Frederica, Delaware designs and manufactures space boots for NASA.

Their shoes need to tolerate temperatures from minus 350°F (minus 212°C) to plus 350°F (177°C), resist micrometeoroids (incoming at 45,000 miles an hour (72,000 kilometers an hour), and hold up on the

Mathuse

Numbers and what are they doing in us. Important uses of Math. Discussions of "Math My Mother's Mane", by D'fils. What is the number that is too large to be remembered by the average mind. How 'Why' is a number, and other such Math use.

Velocities

For all numerical enthusiast. Two lines maximum. No theme. No title. But lots of thoughts that will challenge us to muse on the speed of life and the plentiful marvelous hums of time thru space.

Ei!=!

[Energy time I (me) equals factorial order.]

In all these woods of life there is so much power, so much that harbors a wealth of warmth, a period table of charmed particles, and where here and there a flash so brilliant blinds the ones who peep into nature's stunning caldron; and all with just a combining of two relatively common things: energy and I. Here we quest for a new order of thought for the next wondering youth who climbs the stool to peep into his newfound factorial songs of science.

Word

The worm of words; what makes them hiss and what is their individual *story* (history). Or the place we have in mind when we hear a word. Or the invisible 'L' bow in each word that tilts and turns it into a world of deeds....

crunchy surface of the moon.

Three decades on the moon have surely taken a toll. The metal buckles and snaps on the boots would be fine: no oxygen in the atmosphere on the moon, so no oxidation and rust. But the silicone soles and synthetic fabrics have probably off-gassed and degraded. Should anyone try to retrieve them, or if there is a series of Moon quakes in their region there's a good chance the shoes would (have) largely turn to powder. **Wiwk!**

But Wait! There's Always More...

There are questions in Science..and we always seem to find the answers to those questions just as big or puzzling as the original question...when we 'peep', what is returned to our eyes from under the micro analyzer is more dazzling than we **mimagined**. There is always more to be found...Let us wait—but only a few seconds—for the more, the exciting, and that clearer numerical destiny that awaits us out there in the All.

Ion Question

We have a question, —a thought, really, —which can be figured out using widely available reference. Designed for I.

What I Want To Know

I want people to know things. I want them to understand. I want them to be able to run the world and enjoy the universe.

—Isaac Asimov

* * *

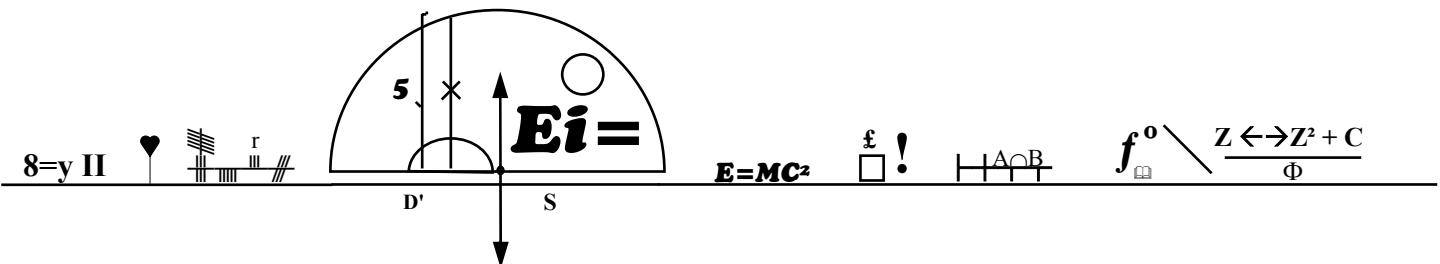
This little corner of The Cloud's Library; this too small plane of lonely pages is dedicated to youth. We want you to know things, understand the talents you have inside.

Then 'run the world and enjoy the universe.' Isaac Asimov, one of the most varied authors of this world, has said this just so well. Let these writings here on these cloned web pages weep especially with the burden of youth who must write, --and want to know things.

The Math:

Whenever you make something you do math; whenever you go into business and house a building with (small business, now), say, 500 employees, you must do tremendous amounts of math (filing with municipals for an address! Have you ever done it?!)...and tests too—in the board rooms and out of rooms as well...the physics, the writing, the fitting and unfitting and measuring of foot pounds earth and foot pounds moon, and toes (moisturized and not, with two fungi and not). It means Math.

Thank you Dave Graziosi et al and ILC Dover.



Therefore...Ei!=!

By using addition we can count our way to very large numbers...like how many stars there are in the universe, but to talk in the realms of infinite numbers, which we numerical enthusiasts require, we need wormholes, strings, —and beyond those, the biology of the many, the few or the one.

For only in biology do we find expressions that searingly brand the mind and build substantial multiplications rather than the adding, say, with Dirac numbers —hence, Ei!

On planet earth there are 8.7 million biologies. On this large earth, then, —and only here so far—is where we can find the biology of the many, the few and the one. Ignoring the many and the few let's move mentally close to the one—one brain.

Let's explore what Mike Holderness presents as one way to look at how many possible memories or thoughts can be generated by the brain. One brain contains about ten billion neuron cells. Imagine that each one of these brain neuron sends out one thousand axons to other brain cells. It is these connections that give us the creation of thoughts and memories. How we fold thought and fix memories into consciousness is not known. But we can see what the physical neurons do with themselves after they propagate to their place in the brain and set up branches to their surrounding neighbors.

So in brief: If each neuron makes a thousand different links to the ten million others in the same group then the number of connections in the group turns out to be 10^{7000} . That's a one followed by 7,000 zeros. And that's just one neuron group. When we factor in all the neuron groups the total number of possible wirings of all the brain's neuronal cells reaches $10^{70,000,000,000,000}$. This number is now known as the Holderness number—a number far higher than anything arrived at by earlier scientists and mathematicians.

Therefore—(Ei!=)

* * * *

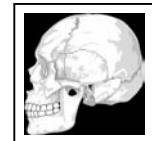
Your brain is capable of processing as much as 10^{27} bits of data per second. (Hobson, 1994)

Paul Churchland (1995) postulates that the total possible neural configurations is between 10 and 100 trillionth power.

There are more than 100 billion neurons which connect with between 1,000 and 10,000 other neurons, by way of many trillions of synapses. **Wiwk!**



Ei!=! : Energy times me equals factorial order.



Jewels

$2 \times 10^{-5} \text{ J}$ Energy used to say the average syllable

$3 \times 10^{-5} \text{ J}$ Energy of one second of moonlight falling on your face

$9 \times 10^{-4} \text{ J}$ Energy of a cricket's chirp

$1 \times 10^{-1} \text{ J}$ Energy it takes to press a typewriter key

$\sim 5 \text{ J}$ Energy stored in a disposable camera photoflash capacitor.

80 J Kinetic energy of an average person swinging a baseball bat

$3.87 \times 10^2 \text{ J}$ Kinetic energy of an average person jumping as high as they can

$1 \times 10^6 \text{ J}$ Approximate food energy of a snack, i.e. Mars bar

You know, they say that owing to weight restrictions on Apollo 11, the crew abandoned some items to make room for Moon rocks and samples. Neil Armstrong's 'one small step...'

I heard that more money is spent on medical care during the last week of a typical person's life than is spent on his medical care during the preceding 70 plus or minus years...

Moon boots are still there. They also left a whole lot of crap—four "defecation collection" devices...

Let's see, Moon rocks: 200 lbs...
Boots: (size nines) times 2...Man Crap:



The Persian word for asphalt is 'moom'.
Mummies are so called because of the wax, (asphalt or 'mum') which is smeared on to the bandages for waterproofing.

The fastest muscle movement ever recorded was performed by a midge. This tiny fly can beat its wings 62,760 times a minute. Research has established that in these insects, there is no one-to-one relationship between signals from the nerves and frequency of wing beats like in other insects...Wiwk!



The total amount of energy detected so far, since the 1930s, by modern ground-based radio telescopes is less than the touch-down of a single snowflake to the earth. But it should be imagined that the total number of individual pieces of signal interacted may indeed be infinitely large.

Frankly Speaking

Snails produce a sticky discharge to facilitate their travel. The discharge is so effective that it would allow them to creep along the edge of a new razor blade —forehead to nose to lips to navel—and not get cut...Wiwk!



Touched by Woods of Life

The longer I go through this All—these ‘woods’ of Life—I am charmed, I am changed by its simple bloom, its breadth of time: tomorrow’s appeal.

Just to math its mass of served foliage. Just to calculate the thound of: tittering touches of leaves that calm, then start up again; the lip-lloping of my favorite long drink of water; the anti-grav weight of my stand on cool found moss; and all the Atlas-ball on my back, as I sleep through Earth Day on my lawn!

I hear voices too, --from the farscape of my past and up through my haunting future votings: things I must write inside my nomes, and people I want to be.

Each species on this once-in-a-light-year world calls to me from virulent forests of octant greens: I live, I move, because some of them die. And My Symbionese Spring can be found on every wet tread grass, and their arboreal seeds live on in the sciences of my male breath.

Till now, after some searching years, I still splurt through this All: not by power or by might, but by my changed spirit; knowing that my ‘moving mound of atoms’ is sieved by this nucleic loom; knowing that Life’s wave still sings to the mind of my smiling senses while I squalze with *verba de joy* into every eye-opened day.



The Vulcan salute, usually displayed while enunciating: ‘Live long and prosper’, actually represents the first letter--"shin", pronounced "sheen"--of the word "shalom". As a boy, Leonard Nimoy saw his rabbi using it in a benediction, never forgot it and eventually added it to Star Trek fame.

Sandarena

The ground of the ancient amphitheaters was always liberally covered with sand (about 25,830 cubic feet for the Coliseum) to soak up spilled blood--whether from animals killing animals or humans killing humans. The Latin word for sand is 'arena'. Today's usage of the word means a scene of physical, mental, or figurative contest.

They're In the Gym

Greece about year 480 BCE and a hundred years thereafter, the human male body was on display at the gymnasium. (The word *gymnos* means ‘naked’) Back then free men trained at sports, and military servicemen developed their skill in the gymnasium. Perfect bodies were highly esteemed as ones ideal attainment. Older bodies or less perfectly sculpted bodies were associated with foreigners, slaves, and/or mythically classed with such beasts as satyrs, i.e. semi-humans with tails and the like. The gymnasium was the place for several other activities: Symposia were held there, which were drinking clubs where intellectual discussions were had, and it was also the library, courtroom and the university.

Mathematical Elements

In mathematics, any one of the distinct objects that make up a set

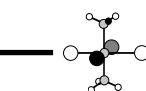
replacement set	equal sign
topological group	characteristic root
logarithm or log	characteristic vector
topological space	difference or remainder
vector product	common divisor
versed sine or versine	auxiliary equation
vector sum	Bessel function
mixed decimal	division sign
quadratic equation	greatest common divisor
vulgar fraction	identity element
cube root	characteristic equation

Laplace transform
reciprocal or multiplicative inverse
least common multiple
least common denominator
repeating decimal or circulating decimal

Increment	series	array
multinomial	plus sign	factorial
quotient	minus sign	formula
square root	set	base
index	polynomial	complement
multiple	simultaneous	discriminate
radical	modulus	fraction
submultiple	power	Congruence
integral	equations	differential
multiplicand	sine	function
radix	monomial	constant
subset	quaternion	dividend
multiplicator	solution	binomial
subtrahend	addend	coordinate
multiplier	characteristic	divisor
summand	polynomial	
norm	decimal	
tangent	equation	
numerator	aggregate	
tensor	algorithm	
root	denominator	e
part	exponent	hyperbolic
parameter	aliquot	cotangent
mantissa	derivative	i
secant	exponential	cube
permutation	coefficient	
variable	antilogarithm	
matrix	determinant	
sequence	expression	
~1	collineation	
vector	argument	
minuend	factor	
	combination	



The Information Zone



Proteins Strings

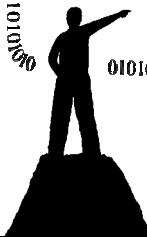
Proteins are long chains of amino acids. Think of a long metal chain; the links being the 20 different variety of amino acids.

Some proteins are 100 amino acids long. Some are 3 thousand amino acids long. The different amino acids function like an alphabet spelling out a word.

If you only used 20 letters of the alphabet—A thru T, you can understand the idea of how many ‘words’ you could make. At the cell level these ‘words’ would be like structures. Muscle cells would be like one kind of structure that proteins could frame; a hormone another kind of structure that proteins could make.

The human body contains some 100,000 different kinds of proteins, hence it can be said that there are at the least 100,000 structures that make up the human body.

If one key structure was missing—completely gone out of the body, say, after being beamed up by a Star Trek engineer or not formed at birth—then you wouldn't be completely in the form of a human body. The same as if one key word is missing from a sentence the sentence will lose its form and cannot complete its artistic sense.



String, in Theory, is Useless

As long chains, proteins are useless. To carry out their varied functions, proteins bend and twist into intricate three-dimensional shapes. Imagine a string of amino acids six miles long. Take it and make a letter 'K' out of it. This letter will end up being so many miles high and so many miles wide. Now imagine folding that 'K' into a lump until that lump is 3 inches by, say, 5 inches; it might look like an average Russet Potato.

Think, then, of how many slightly different shapes of Russet Potatoes you could fashion with the letter 'K', no two being exactly shaped alike with many varied little bumps of brown and tan.

Going further, wonder how many different Russets could be made from an 'S' folded down into this small shape. Remember, an 'S' will have different folding dynamics than a 'K', and the insides of the 'S' and 'K' protein will have an infinite variety of criss-crossings of strings.

Finally, each potato would 'mean' a different thing—or be able to accomplish different things—just like words in a sentence. The dense spherical potato-word, say, would be used only for bowling, and the football shaped one for football and so on; of course you wouldn't use the dense spherical one for football--without the fans rioting—that just wouldn't do!

And there! You have just mentally folded an illustration of the interesting complexity involving proteins,—just one of the building blocks of life.

The inside of all these ‘stringy’ potatoes will have an infinite variety of criss-crossings of strings.

5

Mimagination 5

(not for the faint of you-th)

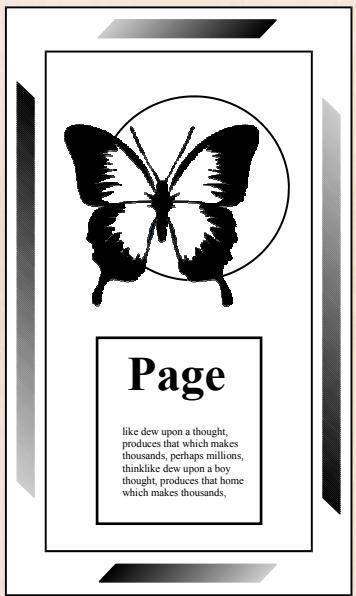
Infant Cosmos

Mimagine, for the goal of a small thought, a ray of light coming from 15 light years away and if you could trace its path and plot its ‘genome’, as it were, all along its long long trajectory—that is, everywhere it has touched down, or touched in, or played around inside of a quark’s roomy proton and then left to wander again out into the void of universe. Now, once that is done, plot every *little* ephemeral touch that it has made *between* the atoms strewn throughout ‘empty’ space where this Seeker of great distances has bumped and grinded with the immense quadrillion of quadrillions of quarks there that have

popped in and out of existence, breaching like whales and dimpling the lights path frictionlessly² just as each quark-non-quark makes its fempto second entrance into universe of space and there they two live, love and separate... and then finally mimagine, —mimagine, for the goal of thought, folding that long extended trajectory of moments into a 'K' and then into a single Russet potato and so....Or, for an infinite cosmic thought if you are up to it, chopping all those plotted flights and landings up into a googleplex of segments and then folding each segment into a very small Russet potato...then with the potatoes fashioning a fetus. Mimagine that!

2. And try to remember when you are recording and graphing each breach that no two whale breaches are the same.

Parents



Reading to Know and to Write

My mother used to say, "As long as you live in this house, you will respect me!" She would scold this mostly toward my older brother and to my sister, almost as a mantra.

What I never heard her communicate once in my nineteen years at home was what respect meant *and* how to perform it. Out of eight children none of us completely complied. We failed --had a reason to succeed-- but failed; and I saw her misery.

When I finally gained a working definition of respect, I was twenty-one, returning from the killing-fields ward. By then I was really in love with the importance of a good working definition of a word; and responsibly had succeeded past this second word and on to many other words.

The first word I began to know started in ninth grade when, in passing, our teacher thought we might want to know what it meant. The word was: maturity. His best definition for this word was simple and easy for me to check out. This word, maturity, was the first word I found that would take me a lifetime to complete its math.

My worlds have never been too dark because of that working definition. I remember testing it casually at first, not knowing what all its definitions truly meant. But by my first daughter's second birthday I had learned The Tenth Word: what friend meant--and lo! what a measured man I was becoming.

We all fail at life, --all equals being at 'play' --when we fail at performing essential words.

There are three *most* essential words: (and you may test them for their 'essentiality' if you wish)

Read, Math and writing (or conversation)

When we fail at reading we fail at measuring.
When we fail at mathing we also fail at measuring.
When we fail at writing (conversing)
we have failed at measuring.

If 3 equals three words and X equals measuring, then $3X=85$
could represent the following: self-esteem is $>$ large.
(greater than large)

If one accomplishes in all three of these essentials, self-esteem is guaranteed to be greater than strong.

So I now—and for many years—say to youth:
Reading is Mathing and Mathing is Writing.

You can do the most simplest test for this working concept the next time you do a math problem. You may also test a simplified part of this if you read a book. Basically when we read we measure or calculate what letters are at the beginning and ending of the words; at the same time we are writing them into the brain...every time we read we write...every time we add words together (math), we write...every time.

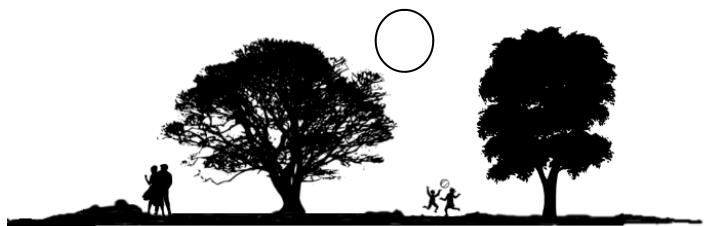
To go far in all the things we task, and be worthy of breath, we must have a working definition of these three most loved words.

—D'fils, a 20th Century writer

B-Mail

Since 2000, about 188,000 of the big blue postal mailboxes have been removed from streets across the U.S. The decision to remove them came as result of declining mail volume, owing to people choosing to email and doing online bill pay. Less than 177, 936 boxes are said to remain.

The J.W. Westcott II is the only boat in the U. S. that delivers mail to other boats that are underway. Based in Detroit, Michigan, she brings mail to ships that pass below the Ambassador Bridge on the Detroit River.



Blype

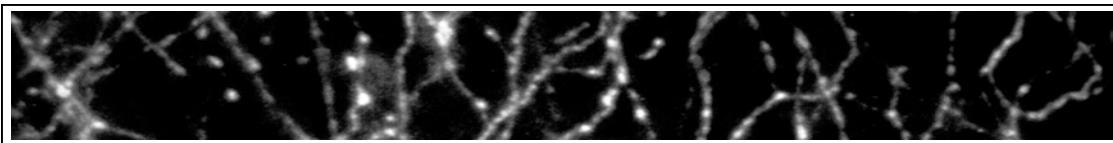
The skin that peels off during sunburn. (Scottish word, for a thin membrane or small piece of skin.)

Pronounced: Blipe



WIWK!

"What I want to know is..."



Midge Muscle

Pg. 5

Does this mean that these little creature live very short lives—say, several hours because they burn up all their available calories—and do they, like the hummingbird, have trouble revving up enough ergs in cold morning, and sometimes die.

Moon Boots Still Traveling

Pg. 5

How long has ILC Dover been making boots...how many other kinds of boots and hazmat equipment, etc, have they made...how many of my relatives live right around the corner of their facilities... how many micrometeoroids per second per year have hit the boots...how many particles of sunlight have hit as well per second per year...How much of the boots are silicone and synthetic by weight... what is off-gassing—how many different gasses were in the boots...and samples! What other samples: atmosphere, water, ice, clouds, wind—what I wanna know is what other samples.

Half and Half, for Half an Hour

Pg. 2

What I wanna know is...during this half hour what did I do while I was waiting for whatever to happen next... how many ergs did I expend during the jiggling, and whirling and gobbling whatever I was feeding on down there in the dark warm crevices.

They say the egg (I was) is 187,000 times bigger than a sperm, so how much oxygen did I consume during that 1,800 seconds if I used the average amount of oxygen that a nerve cell uses.(15 billion molecules per second) and also how much bigger is (was) my old room than, say, a neuron. Did I have a preteen appetite, or what? And what is the normal diet of a Zygote?

(So, hey, does the ostrich Zygote cell have us beat; how long does it remain one cell before it divides?)

Lights in the tunnel

Pg.2

Why are there different spacings of lights to begin with. Why not just use the same

kind of light bulbs with the same interval in every tunnel. Is this phenomenon somehow associated with the blink mechanism of the mind's eye, or perhaps, the anxiety commonly felt during tunnel traveling...How would this apply to warp travel: do space pilots 'drive' faster when the strobe-light-things we see in the worm hole tunnel are farther apart. Hey?!

Therefore

Pg. 4

If each brain neuron added 3 new synapses per day after high school for ten years how much would it affect the Holderness number's exponent.

Putting the Round Ball

Pg.10

How many number of bounces of a basketball per game, and how many balls, on average, are used per game by officials. What kind and what numbers of bounces are we able to talk here...spin left, spin right...rolling skid bounces...

(...and so, if you don't see a question mark here and there—it's really so-kay. We never sweat a person when we don't see one in the balloon above their head as they are talking to us. It will be the mainstay of

Continued pg. 10



But Wait!... There's always more

According to research done at Carnegie Institution of Washington, Washington D.C. and research published by Japanese researcher, Moto-hiko Murakami of Tokyo Institute of Technology, at 425 km (264.08 miles) deep in the earth's mantle there may be 5 to 30 times more water than all the water in our oceans, lakes, and rivers.

In the Japanese experiments 18 pica pascals were reached (360,000 psi at earth surface). This pressure simulated the kinds of pressures postulated to exist that deep in the earth's mantle.



How much...how many total atoms is that...how much **deuterium** might be in that deep water...what is the average distance between the water molecules 425 km down , their speed and collision rate at those depths and pressures.



What is the temperature of the water at those depths...how much water would 30 times be...what was the size of the block of mineral when the test started and what was the size after those pressures were achieved... how much water did they detect—a mole, a spoonful per pound of material?



So tell me, when Murakami experimented with the pressurization of minerals, what was the name of the equipment used in the experiment,—(and in Japanese! what do they kiddingly call it, its nick-name, etc) ...what was the model number the colors, its size... would I enjoy building one...(so tell me, because there is always more...and I want to know it.)



WIWK! Cont.

Not big

Pg. 10

What I know now: A small business is a business that is privately owned and operated, with a small number of employees and relatively low volume of sales.

They are often found to be privately owned corporations, partnerships or sole proprietorships. The legal definition of "small" also varies by country and by type of industry, ranging from under 15 employees in Australian policy, 50 employees in the European Union, and less than 500 employees to qualify for U.S. Small Business Administration programs.

Sales, assets, or net profits are additional ways used to classify small.

Ion Thoughts

Skateboard: different skateboards have different amounts of wood plies on them. The numbers go from 6 to 8 plies, maybe even 9.

Violin: there are seventy pieces of wood in a typical violin.

But: both instruments make a very qualitative sound when one performs with them. Don't you agree?

A 100-W light bulb usually has a coiled tungsten filament that when uncoiled is about 24 inches long, 0.4 mm in diameter, and when you send 120 volts through it burns at a temperature of about 2059 K (4,000 ° F).

According to Spalding the average lifespan of an NBA basketball: 80,000 bounces, **Wiwk!**....At school, a greater number of boys drink milk than girls15 inches across is the size of the biggest snowflake recordedExecution was the penalty for drunkenness of the Aztecs....80 percent of people living in an apartment complex with a pool never use it....The world's first traffic

lights were installed in London: just red and green....Coined in 1888, the term "sky- scraper" meant an 11 story building..... Unless your employees number more than 500, the U.S. government standards say you have a "small" business, **Wiwk!**....As much as 1 1/2 quarts of saliva a day are produced by a human....In the course of a day (24 hrs), the muscles in your eyes move about 100,000 times....

Join The Data Society

Snail Snot

Pg. 5

What I want to know: How much sticky sludge do snails produce. What mixture of chemicals make it slide so well. How well does it work on dirt as opposed to cement. Why is it rainbowish. What is their maximum speeds with and without their snail hazmat (do they ever run out of snot?)

Total Output of Sun

Pg.2

What else is the Sun putting out. Plasma, gravity waves, etc, total output of those? And compared to Vy Canis star, what would that look like?

(This number is over half way through the number of protons estimated of the entire known universe: 10^{80} —well half of the superscript, anyway.)

What I wanna know is how much of the rays that do hit earth come from reflections off Satellites, earth space station, debris and cosmic dust (floating and/or red hot after landing.)

How much of the absorbed radiation in meteors and plasma particles, cosmic rays that release sparks when they impact upper atmospheres, and finally shine down into terra firma.

From the Moon, too...don't forget her...when she is at perigee and apogee her warm light must give us some rays that would have missed us were she not there...how much does she contribute and is she doing a part to stabilize global warmth? So, tell me: how much of this *other* total amount of the Sun's output does earth really receive—delayed and other.

Good on You!

Women's armpits are stinkier than mens. Experts say men perspire most heavily on the upper chest from eccrine glands that secrete only salts and water and maybe a few B vitamins. Women perspire most heavily under the arms, from apocrine glands that secrete salts, water and fatty substances. Bacteria digest these fats. The bacteria's byproducts make this sweat smelly.

Water conducts heat away from your body 25 times faster than air.

About 2,000 toxins are classified. Scientist think there are 2,000,000 more out there to be catalogued, etc.

Micaelle Danielle

