

# Genesis

## Part 1:

Genesis 1, 2	Creation
Genesis 3	Fall of Man
Genesis 4	Cain & Abel
Genesis 5	Genealogy of Noah
Genesis 6-9	Flood of Noah
Genesis 10-11	Tower of Babel

## Part 2:

Genesis 12-20	Abraham
Genesis 21-26	Isaac
Genesis 27-36	Jacob
Genesis 37-50	Joseph

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## Evolve this !!!

How could this “evolve” (gradually) from *dead* giraffes?

What would cause it “evolve”?

### The Giraffe

- Can stand 19 ft tall,
- Weighs about 2500 lbs,
- Can run 36 mph.
- Eats 201 lbs/day for 16-20 hrs/day.
- Sleeps about 20 min/day
- Can go without water for months at a time.

### Special Engineering: The Unique Circulatory System

Blood pressure in a giraffe’s aorta is about 220 mm of mercury when the animal is standing.

This pressure would be dangerously high in a human, but is necessary in a giraffe to lift blood up the animal’s long neck to its brain.

To accomplish this, the giraffe’s heart is about 2 ½ ft long

When bending down to drink water, the blood pressure is more than enough to burst the blood vessels in its brain.

Valves in the arteries in the neck begin to close; blood beyond the last valve is shunted under the brain into sponge-like vessels (called the “rete mirabile”).

Upon raising its head, the “sponge” squeezes its oxygenated blood into the brain, and special valves in the vein facilitates the equalization of pressure.

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## The Missing, Missing Link !!!

### Genesis 1:24-28

*24] And God said, Let the earth bring forth the living creature after his kind, cattle, and creeping thing, and beast of the earth after his kind: and it was so.*

*25] And God made the beast of the earth after his kind, and cattle after their kind, and every thing that creepeth upon the earth after his kind: and God saw that it was good.*

After 120 years of searching, are there no “missing links” that have been found!

Each species is digitally (*coded DNA*) defined, with evidences of unique specific design *in each...*

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## One God, yet a Trinity

*26] And God said, Let us make man in our image, after our likeness: and let them have dominion over the fish of the sea, and over the fowl of the air, and over the cattle, and over all the earth, and over every creeping thing that creepeth upon the earth.*

*27] So God created man in his own image, in the image of God created he him; male and female created he them.*

Notice the plurals: “us” and “our.”

Also: “image” is mentioned three times.

How does one reconcile the “One God” of the Old Testament with the three “Persons” of the New Testament Trinity?

The Sh'ma of Deuteronomy 6:4-5 clearly emphasizes the singularity of God, which is also reconfirmed in the Ten Commandments (Exodus 20:3), etc.

Yet the New Testament clearly proclaims a three-person Godhead (Mt 28:19, 2 Cor 13:14, John 14-17, etc.).

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# The fact of the Trinity

- Singularity of OT? (*Deut 6:4-5; Ex 20:3.*)
- Plurality of NT? (*Mt 28:19; 2 Cor 13:14; John 14-17, etc.*)
- Exchanges among the Godhead (*Gen 3:22; 11:7; Isa 6:8; 48:12, 13, 16; Ps 2:7; 45:7; 110:1; Mt 11:27; Jn 8:42; 17:24.*)

## Creation of the Universe

- Father: *Psalms 102:25.*
- Son: *Colossians 1:16; John 1:1-3.*
- Spirit: *Genesis 1:2; Job 26:13.*

[All three in *Elohim, Gen 1:1.*]

## Creation of Man

- Father: *Genesis 2:7.*
- Son: *Colossians 1:16.*
- Spirit: *Job 33:4.*

[Plurals: *Eccl 12:1; Isa 54:5.*]

## Incarnation

- Father: *Hebrews 10:5.*
- Son: *Philippians 2:7.*
- Spirit: *Luke 1:35.*

## The Death of Christ

- Father: *Psalms 22:15; Romans 8:32; John 3:16*
- Son: *John 10:18; Galatians 2:20.*
- Spirit: *Hebrews 9:14.*

## The Atonement

- Father: *Isaiah 53:6, 10.*
- Son: *Ephesians 5:2.*
- Spirit: *Hebrews 9:14.*

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# The fact of the Trinity

## The Resurrection of Christ

- Father: *Acts 2:24; Romans 6:4.*
- Son: *John 10:17, 18; John 2:19.*
- Spirit: *1 Peter 3:18; Romans 8:11.*

## The Resurrection of All Mankind

- Father: *John 5:21.*
- Son: *John 5:21.*
- Spirit: *Romans 8:11.*

## The Inspiration of the Scriptures

- Father: *2 Timothy 3:16*
- Son: *1 Peter 1:10, 11*
- Spirit: *2 Peter 1:21*

## Jesus Christ

- Made in the likeness of men (*Phil 2:7; Heb 10:5; Luke 1:35.*)
- Is the image of God (*Heb 1:3; Col 1:15; 2 Cor 4:4.*)
- Anticipated redemption (*1 Pet 1:20; Rev 17:8; 2 Tim 1:9.*)

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## The divine mandate for science

*28] And God blessed them, and God said unto them, Be fruitful, and multiply, and replenish the earth, and subdue it: and have dominion over the fish of the sea, and over the fowl of the air, and over every living thing that moveth upon the earth.*

*29] And God said, Behold, I have given you every herb bearing seed, which is upon the face of all the earth, and every tree, in the which is the fruit of a tree yielding seed; to you it shall be for meat.*

“Replenish” = fill. [“replenish” only 7 of 300 uses.]

“Dominion”: lost in Genesis 3. Regained in Revelation 5.

“...every herb bearing seed...”:

Plants are just one example of the complex design of living systems;

They produce both the free oxygen as well as a surplus of sugar to provide food for the animals.

Animals burn this energy, producing the CO<sub>2</sub> needed by the plants.

Can anyone really believe that this highly complex interdependency all happened by blind, unaided chance” ?!?

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## Randomness

What is missing is randomness.

Failed attempts at evolving

Chaotic multitudes of changes that just did not get the job done that was needed for survival.

Randomness lacks:

- symmetry
- periodicity
- evidence of design or
- order of any kind...

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# The Fibonacci Sequence

In 1180, Leonardo Fibonacci  
("Leonardo of Pisa")

published this in his book, *Liber Abaci*.

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233...

- Ratio of any adjacent numbers:  
~1.618;

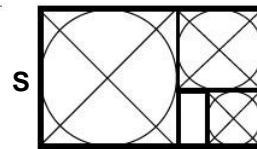
*It would be several hundred years before these sequences would be recognized in nature.*



				L/S	S/L
1					
1	=	0	+	1	1.0000 1.0000
2	=	1	+	1	2.0000 0.5000
3	=	1	+	2	1.5000 0.6667
5	=	2	+	3	1.6667 0.6000
8	=	3	+	5	1.6000 0.6250
13	=	5	+	8	1.6250 0.6154
21	=	8	+	13	1.6154 0.6190
34	=	13	+	21	1.6190 0.6176
55	=	21	+	34	1.6176 0.6182
89	=	34	+	55	1.6182 0.6180
144	=	55	+	89	1.6180 0.6181
233	=	89	+	144	1.6181 0.6180
377	=	144	+	233	1.6180 0.6180
610	=	233	+	377	1.6180 0.6180
987	=	377	+	610	1.6180 0.6180
1,597	=	610	+	987	1.6180 0.6180
2,584	=	987	+	1,597	1.6180 0.6180
4,181	=	1,597	+	2,584	1.6180 0.6180
6,765	=	2,584	+	4,181	1.6180 0.6180
10,946	=	4,181	+	6,765	1.6180 0.6180
17,711	=	6,765	+	10,946	1.6180 0.6180
28,657	=	10,946	+	17,711	1.6180 0.6180
46,368	=	17,711	+	28,657	1.6180 0.6180
75,025	=	28,657	+	46,368	1.6180 0.6180
121,393	=	46,368	+	75,025	1.6180 0.6180
196,418	=	75,025	+	121,393	1.6180 0.6180
317,811	=	121,393	+	196,418	1.6180 0.6180

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## The Golden Rectangle



**L = 1.618 x S**

The longer side is to the shorter side as the sum of the two sides is to the longer side:  $L/S = (L + S)/L$

				L/S	(L+S)/L
1					
1	=	0	+	1	1.0000 1.0000
2	=	1	+	1	2.0000 2.0000
3	=	1	+	2	1.5000 1.5000
5	=	2	+	3	1.6667 1.6667
8	=	3	+	5	1.6000 1.6000
13	=	5	+	8	1.6250 1.6250
21	=	8	+	13	1.6154 1.6154
34	=	13	+	21	1.6190 1.6190
55	=	21	+	34	1.6176 1.6176
89	=	34	+	55	1.6182 1.6182
144	=	55	+	89	1.6180 1.6180
233	=	89	+	144	1.6181 1.6181
377	=	144	+	233	1.6180 1.6180
610	=	233	+	377	1.6180 1.6180
987	=	377	+	610	1.6180 1.6180
1,597	=	610	+	987	1.6180 1.6180
2,584	=	987	+	1,597	1.6180 1.6180
4,181	=	1,597	+	2,584	1.6180 1.6180
6,765	=	2,584	+	4,181	1.6180 1.6180
10,946	=	4,181	+	6,765	1.6180 1.6180
17,711	=	6,765	+	10,946	1.6180 1.6180
28,657	=	10,946	+	17,711	1.6180 1.6180
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75,025	=	28,657	+	46,368	1.6180 1.6180
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196,418	=	75,025	+	121,393	1.6180 1.6180
317,811	=	121,393	+	196,418	1.6180 1.6180

**Found in:**

- the Parthenon in Greece
- the Great Pyramid,
- the UN Building,
- credit cards,
- playing cards,
- postcards,
- light switch plates,
- writing pads,
- 3x5,
- 5x8 index cards,
- etc

**Employed in Classic Art**

- Leonardo da Vinci,
- Van Gogh,
- Vermeer,
- John Singer Sargent,
- Monet,
- Whistler,
- Renoir,
- Mary Cassatt,
- Giotto,
- Durer.

The Golden Rectangle yields a dynamic symmetry — in contrast to static symmetry — it reflects growth, power, and movement, giving animation and life to an artist's work. It reflects 'nature'.

# Floral Arrangements

## Petals

- Lily 3 petals
- Yellow violet 5 petals
- Delphinium 8 petals
- Mayweed 13 petals
- Aster 21 petals
- Pyrethrum 34 petals
- Helenium 55 petals
- Michaelmas Daisy 89 petals

## Seeds

- Rows of bracts on Pinecones: 8, 13
- Pineapples: 8, 13, 21
- Optimum divergence angle:  $137.5^\circ$   
produces the best packing; that's why  
you see Fibonacci spirals in the seed  
heads (sunflowers, etc.)

## Spiral arrangement of leaves around a plant's stem

- Elm  $\frac{1}{2}$  circumference
- Beech, Hazel  $\frac{1}{3}$
- Apricot, Oak  $\frac{2}{5}$
- Pear, Poplar  $\frac{3}{8}$
- Almond, Pussy Willow  $\frac{5}{13}$
- Pines  $\frac{5}{21}$  or  $\frac{13}{34}$

Maximizes exposure to sunlight and air  
without shading or crowding from other leaves.

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# Music

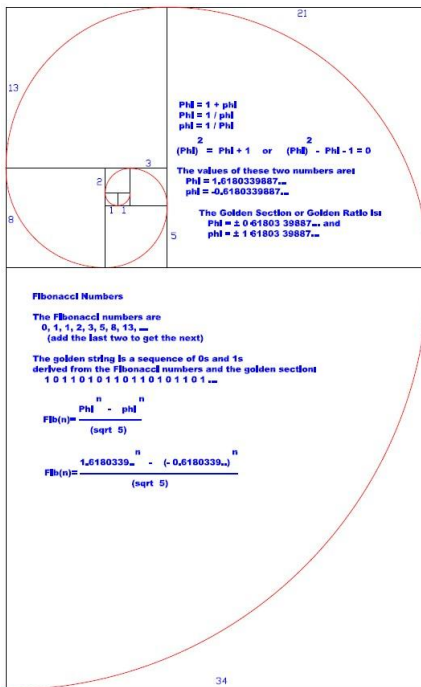
The most beautiful chords found in music are the major  
and minor sixths.

Musicians like Bach, Beethoven, Bartok, et al., would  
divide musical time into periods based on the same  
“golden” proportions to determine the beginnings and  
endings of themes, moods, texture, etc.

God is, indeed, a mathematician.

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## The Golden Spiral

The only spiral that does not alter its shape as it grows.

It is found in the:

- Chambered Nautilus,
  - hurricanes,
  - spiral seeds,
  - rams' horns,
  - a sea-horse tail;
  - growing fern leaves,
  - the DNA molecule,
- waves breaking on the beach,
  - tornados,
  - galaxies,
- tail of a comet around the sun,
  - whirlpools,
- seed patterns of sunflowers, daisies, and dandelions
- in the ears of all mammals and
- the cochlea of the human ear.

## The Human Body

- The distance from foot-to-knee x 1.618 = distance to the navel.
- 0.618 navel-to-chin = length of face
- Chin-to-lips, tip of nose to pupils, pupils to top of head, etc. x .618  
1.618 yields the distances to facial parts.

Since man is made in the "image of God," it is not surprising to find it of harmonious proportions.

Wherever a scientist may delve into nature he discovers that the fore thought of design has been there before him.

## The Golden Ratio in the Human Face

The "ideal human face" determined by scientists and artists.

### **There are several golden ratios in the human face.**

- The total width of the two upper front teeth /their height
- Length of face / width of face,
- Distance between the lips and where the eyebrows meet /length of nose
- Length of face / distance between tip of jaw and where the eyebrows meet
- Length of mouth / width of nose
- Width of nose / distance between nostrils,
- Distance between pupils / distance between eyebrows.

## “Monkey Men” Frauds

- Heidelberg Man, 1907 – Built from a jawbone.
- Nebraska Man, 1922 – Henry Osborn: from just one tooth.  
Later: discovered to be an extinct pig.
- Piltdown Man, 1912 – Charles Dawson: from jawbone of modern ape  
In 1953 it was proven to be a deliberate fraud; filed, treated with iron salts.
- Peking Man, 1921 – Evidence disappeared; outright fraud.
- Neanderthal Man – Found in a cave in the Neander Valley near Duüsseldorf.  
Int'l Congress of Zoology in 1958 showed that it was of an old man suffering from arthritis.
- Java Man, 1922 – 1891 skull cap; 50 ft. away a femur (thigh) bone.  
Concealed evidence; teeth were of an orangutan.
- *In 120 years: no intermediate stages found.*



# System Dependencies

- Digestive System
- The Circulatory System
- The Respiratory System
- The Sensory Systems – Eyes, Ears, Proprioceptive System
- The Immune System
- The Nervous System

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## The Brain

3 major structural components:

- the large dome-shaped cerebrum,  
The cerebrum is responsible for intelligence and reasoning.
- the smaller, somewhat spherical cerebellum,  
The cerebellum helps to maintain balance and posture.
- the brainstem.

Prominent in the brainstem are:

the medulla oblongata and the thalamus.

The medulla is involved in acts as a relay center for electrical impulses traveling to and from the cerebral cortex.

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# The Pituitary Gland

The pituitary gland secretes hormones that control the activity of other endocrine glands and regulate various biological processes.

Its secretions include:

- growth hormone (stimulates cellular activity in bone, cartilage, and other structural tissue);
- thyroid stimulating hormone (causes the release metabolism-regulating hormones);
- antidiuretic hormone (which causes the kidney to excrete less water in the urine); and
- prolactin (which stimulates milk production and breast development in females).

The pituitary gland is influenced both neurally and hormonally by the hypothalamus.

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# The Autonomic Nervous System

The autonomic nervous system directs all activities of the body that occur without a person's conscious control, such as breathing and food digestion.

It has two parts:

- the sympathetic division, which is most active in times of stress, and
- the parasympathetic division, which controls maintenance activities and helps conserve the body's energy.

The Human Brain has  $10^{10}$  nerve cells, *each* with  $10^4$  -  $10^5$  connecting fibers; this approaches  $10^{15}$  connections, which is equivalent the following totals:

50,000 leaves/tree;  
10,000 trees/sq. mile;  
2 million square miles;

all the leaves in a dense forest the size of the USA!

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# The Human Brain Network

A highly organized network of uniquely adaptive communication channels;

if only 1% of the connections were specifically organized pathways, it would still represent a greater number of connections than the entire communications network on the Planet Earth.

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## Memory Mapping

- Wilder Penfield: Memories have specific locations in the brain.
- Karl Pribram: Memories not localized.
- Paul Pietsch: 700 operations on salamanders confirm Pribram.
- John von Neumann:

Capacity:  $2.8 \times 10^{20}$  bits

(1000 bits/sec for 10 billion years).

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# Fourier Transforms

Hermann von Helmholtz discovered that the ear processes sound by a frequency analyzer;

Russell and Karen DeValois found that the visual cortex processes Fourier patterns.

Holographic models only way to explain neurophysiological puzzles, such as pattern recognition, transference of learned skills, phantom limbs, etc.

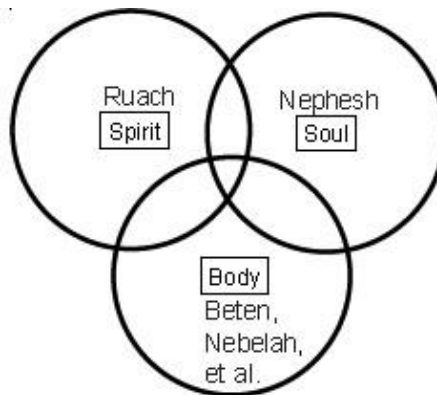
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## ***Nephesh: Soul***

*And the very God of peace sanctify you wholly; and I pray God your whole **spirit** and **soul** and **body** be preserved blameless unto the coming of our Lord Jesus Christ. 1 Thess 5:23*

“...spirit and soul and body...”: Trinity of Man?



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# Nephesh: Soul

Soul, self, life, creature, person, appetite, mind, living being, desire, emotion, passion... It occurs 751 times.

## Usage:

• soul	475 occurrences
• life	117
• person	29 occurrences
• mind	15
• heart	15
• creature	9
• body	8
• himself	8
• yourselves	6
• Misc. other usage	<u>69</u>
	751

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# Nephesh: Soul

Brown, Driver, & Briggs, *A Hebrew Lexicon of the Old Testament*, highlights three primary meanings:

1) **Physical Life.** An animal is called a *nephesh* as long as it is living.

A dead animal is never called a *nephesh* because its body would be devoid of the life principle. It is used this way 150 times in the Old Testament. Adam's body was complete yet unanimated until God placed in it "the spirit of life" (Gen 2:7).

2) **Figurative Usage.** A synecdoche for the whole person Gen 36:6, etc.

A synecdoche is a figure of speech in which the specific is used for the general: "Give me a hand"; "lend me an ear"; "fancy wheels, man"; "nice threads"; etc. [In this sense, the Jews were prohibited from touching dead people (Lev 21:1, 11).]

3) **The Soul.** The Inner Being, the transcendent self, which departs at death and returns with life at the resurrection (Gen 35:18; 1 Kgs 17:21, etc.). That to which is attributed reason, emotion, will, and worship

Rabbinic literature understood the soul to be invisible and immortal

[Babylonian Talmud (Ber. 59, AZ 21), Midrash (Gen 409, 516, 549; Num 733; Ecc 83, 229); et al (Morey, p.50).]

All Jews except the Sadducees believed in the immortality of the soul [Josephus, *Wars of Jews II*, 154-159, 1632, 166].

The doctrine of "soul sleep" was invented by 3rd century heretics [Eusebius, E.H. VI, C37].

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## *Psuche*

- LXX: translated *Nephesh* in 785 out of 810 cases.
- Never uses the Greek word for physical life, as the equivalent of *Nephesh*. Deliberately avoids equating the soul with mere physical life
- From which “*psychology*” is derived.

**Meaning:** breath; the breath of life, of animals, of men; that in which there is life; a living soul; the seat of the feelings, desires, affections, aversions; the soul as an essence which differs from the body and is not dissolved by death

### **Usage:**

• soul	58
• life	40
• mind	3
• Heart, etc	<u>4</u>
	105

## *Ruach: Spirit*

### ***Ruach:***

- Breath, wind.
- God’s Spirit, the Holy Spirit.
- Angels, good and evil.
- Life in men.
- Disembodied spirits.
- Disposition or attitude.
- Seat of the emotions, mind and will.

### **Usage:**

• Spirit or spirit	232 occurrences
• wind	92
• breath	27
• side	6
• mind	5
• misc	<u>16</u>
	378

# Pneuma

- A movement of air; the wind; breath of nostrils or mouth; Cf “pneumatics” etc.
- The spirit, i.e. the vital principal by which the body is animated; the rational spirit, the power by which the human being feels, thinks, decides; the soul;
- A spirit; i.e., a simple essence, devoid of all matter, and possessed of the power of knowing, desiring, deciding, and acting.
- A spirit higher than man but lower than God, i.e. an angel; used of demons, or evil spirits, as inhabiting the bodies of men.
- The 3rd person of the Trinity, the God the Holy Spirit.

## Usage:

• Spirit	137
• Holy Ghost	107
• Spirit (of Christ)	19
• human (spirit)	49
• (evil) spirit	47
• misc	26
	385

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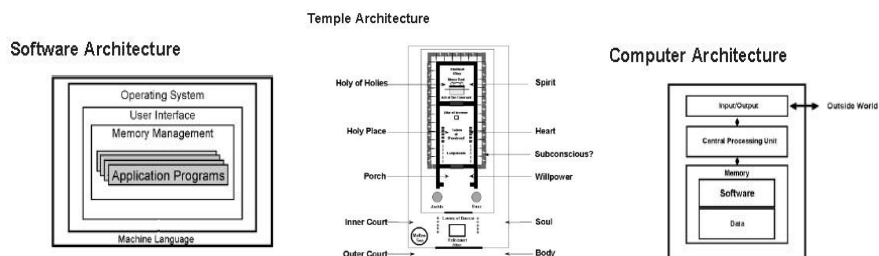
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## The Greatest Commandment:

We are instructed to “love God with all of our heart, soul, strength and mind.” What does this mean?

You can’t determine the architecture of software by external means; you need the designer’s manual.

The inability to infer the architecture of an “infinite state machine” from its external behavior is what dooms the field of psychology to ultimate frustration.



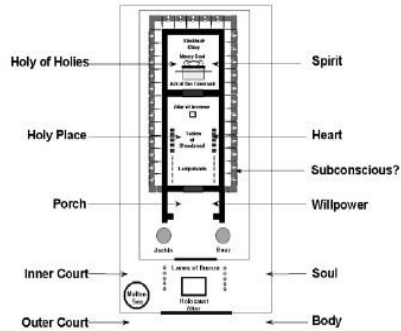
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# Our Personal Architecture?

- Seven Times declared: “Ye are the Temple of God” (1 Cor.3:9-17; 6:19; 2 Cor. 6:16; Eph. 2:20,21; Heb. 3:6; 1 Pet. 2:5; 4:17).
- Appears to hold the key to our “software” architecture: Heart? Soul? Mind? Spirit?

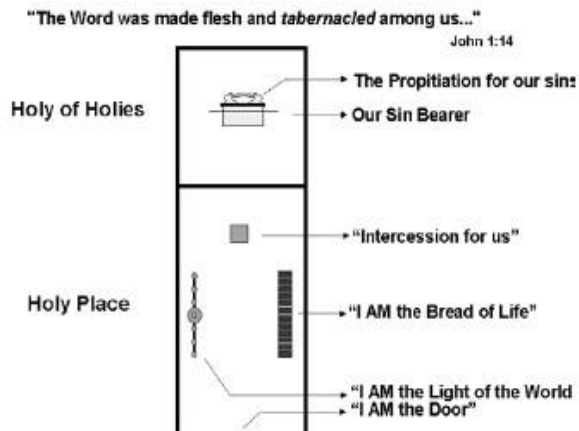
## Temple Architecture



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# Tabernacle Architecture



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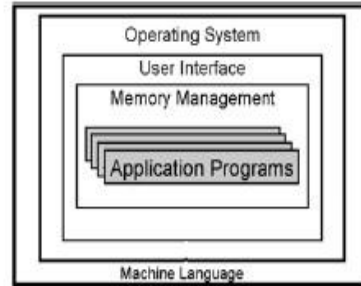
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# Software Characteristics

- Operating System (Windows, etc): the Superprogram managing all the internal resources. This makes all the internal resources independent of the specific hardware environment
- User Interface: this controls all interactions with the external environment: I/O, etc.
- Memory Management: this allocates locations, finds what's necessary, etc.
- Software includes self-modifying codes.
- Software is generated from high level language layers into "machine code." Its architecture cannot be inferred from its external behavior.
- Software has no "mass."  
It can be transmitted through the air waves.

## Software Architecture



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# The Nature of Time

Time is a *physical* dimension. It varies with mass, acceleration and gravity. Software has *no* mass — it has no time dimension...

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# The Physics of Immortality

Frank J. Tipler, Professor of Mathematical Physics, Tulane University (a major theoretician in the field of global general relativity, that rarefied branch of physics created by Stephen Hawking and Roger Penrose).

In pursuing a mathematical model involving the end of the universe, Tipler (a professed atheist) came to two conclusions (one obvious, and one stunning).

Using the most advanced and sophisticated methods of modern physics, demands "in exactly the same way physicists calculate the properties of an electron" arrived at two conclusions about God and immortality:

- 1) He discovered proof of the existence of God.
- 2) *He also now believes that every human being who ever lived will be resurrected from the dead.*

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# The Nature of Time

*Gen 1:30] And to every beast of the earth, and to every fowl of the air, and to every thing that creepeth upon the earth, wherein there is life, I have given every green herb for meat: and it was so.*

*31] And God saw every thing that he had made, and, behold, it was very good. And the evening and the morning were the sixth day.*

It has been assumed that all creation was apparently vegetarian and that did not change until after Flood; Gen 9:3.

But, why then, does Jabal raise cattle in Gen 4:20?

Life is good. [Versus the decline in Western Civilization: abortion, euthanasia, etc. Satan's cult of death...]

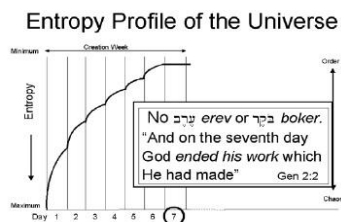
Creation Completed

"The 6th Day":

Definite article used for the first time;  
stresses completion.

Onkelos Translation

22 July 2011 ("The Translation"): "It was a unified order."



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## Study Questions

- 1) Why is unlikely that any Darwinian “missing links” will ever be found?
- 2) What peculiar design problems does a giraffe present, and how do they refute evolution as a source of design? Why couldn't these have been resolved by random processes?
- 3) What are the main references to the Trinity in the Bible? (Include those in the Old Testament.)
- 4) How is photosynthesis a refutation of evolution?
- 5) How is the co-dependency of plants and animals an evidence of skillful design?
- 6) How is the role of symmetry in nature a refutation of randomness as a source of “design”?
- 7) What are Fibonacci numbers and why are they significant? Give examples.
- 8) List the historical “monkey men” and the basis of regarding them as frauds.
- 9) List at least 8 complex interdependent systems of the human body and explain why they represent substantial design problems of their existence.
- 10) What are the three main architectural elements of (Mr. and Mrs.) Man? What are their functions?
- 11) How does the architecture of the Temple facilitate our understanding of our own architecture? What is the basis?
- 12) How does Einstein's Theory of Relativity impact our understanding of immortality?

## Discussion Questions

“Where two people agree, one is redundant.”

- 1) What do Fibonacci numbers reveal about our Creator?
- 2) What are the main features of the human anatomy that refute accidental unaided chance as an explanation for our origin?

# Candidate Research Projects

- 1) Compile a list of references to the Trinity in the Old Testament.
- 2) Compile a list of design interdependencies of the major systems of the human body.
- 3) Compile a list of occurrences of Fibonacci numbers in nature, our society, art, or other areas of discovery.
- 4) Build a detailed model of the Temple of Solomon.

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## Genesis Session 8: The 7th Day: Genesis 2

The Role of Marriage.

*1] Thus the heavens and the earth were finished, and all the host of them.*

*2] And on the seventh day God ended his work which he had made; and he rested on the seventh day from all his work which he had made.*

*3] And God blessed the seventh day, and sanctified it: because that in it he had rested from all his work which God created and made.*

He “rested”; not “is resting...” [No day-epoch theories here.] He finished His Creation work. His next work—Redemption—(John 4:34, 5:17) finished in John 17:4, 19:30: “Tetelestai!”; “paid in full!”

### Rabbinical View

*...the Creator caused a repose to encompass the universe...*

Maimonides, *The Guide for the Perplexed*, Part 1, Chapter 67

The “Creator caused a repose to encompass the universe” that had been made during the first six days. The laws of nature standardized? The flow of time begins? The first Sabbath starts the post-Adam calendar.

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## The 7th Day: Genesis 2

### The Role of Marriage

*1] Thus the heavens and the earth were finished, and all the host of them.*

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## The 7th Day: Genesis 2 Rabbinical View

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The laws of nature standardized?

The flow of time begins?

The first Sabbath starts the post-Adam calendar.

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## The 7th Day: Genesis 2 The Laws of Thermodynamics

Over the past 125 years, the Laws of Thermodynamics have been fully described.

The **First Law of Thermodynamics** asserts that matter or its energy equivalent can neither be created nor destroyed (under *natural* circumstances).

Nowhere in the universe is matter being observed being created or annihilated.

All observed processes conserve matter or its equivalent energy.

Corollary: **natural processes cannot create energy.**

All is a result of the *past*.

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## The 7th Day: Genesis 2

### The Laws of Thermodynamics

The **Second Law of Thermodynamics**, also called the “Arrow of Time,” asserts that as time advances, the universe progresses from a state of order to a state of greater disorder (entropy).

This also declares that the energy available to do work continually decreases.

The universe appears to run “downhill” to an eventual heat death when no temperature differences exist (no energy is available), resulting in uniform randomness.

Looking back, total is limited: the universe had a *beginning*.

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## The 7th Day: Genesis 2

### The Laws of Thermodynamics

**The Third Law:** every substance has a finite positive entropy which may become zero at a temperature of absolute zero.

#### Thermal Decay

- Heat always flows from hot bodies to cold bodies.
- If the universe was infinitely old, the temperature throughout the universe would be uniform.

It isn't; therefore, it isn't infinitely old.

- The universe had a beginning...and it is destined for an ending.

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# The 7th Day: Genesis 2

## The Laws of Thermodynamics

### Conservation of Matter/Energy in Scripture

*And on the seventh day God **ended** His work... Gen 2:2-3*

*The works were **finished** from the foundation of the world...*

*Hebrews 4:3-4*

*All the things that are therein...you **preserve** them all. Neh 9:6*

### Entropy in Scripture

*They shall perish... grow old as a garment... Ps 102:25-26*

*The earth will grow old like a garment... Isaiah 51:6*

*Heaven and earth will pass away... Matthew 24:35*

### Entropy to be *Repealed*?

*...Because the creation itself **will be set free from its bondage to decay** and obtain the glorious liberty of the children of God. Ro 8:21*

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## Background on Genesis 2

How many of each animal did Noah take into the ark?

(2 of each of the “unclean”; 7 of each of the “clean.”)

How did he know which were which?

These were ceremonial definitions, *ordained* in Genesis and *codified* in Leviticus.

### Roots in Eden

- “Clean” and “Unclean” Gen 7:2,8
- The Kinsman-Redeemer Gen 3:15
- Substitutionary Atonement Gen 3:21
- **The Sabbath Gen 2:2,3**

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# Background on Genesis 2

## The Sabbath Gen 2:2,3

### The Scriptural View

*For in six days the LORD made the heavens and the earth, the sea, and all that in them is, and rested the seventh day; therefore the LORD blessed the sabbath day, and hallowed it. Exodus 20:11*

### The Sabbath

*And God blessed the seventh day, and sanctified it: because that in it he had rested from all his work which God created and made. Genesis 2:3*

*Remember the Sabbath Day to keep it holy. Exodus 20:8*

Does a Christian need to “keep the Sabbath”?

Anyone who thinks this is a simple question hasn’t really studied it...

The Sabbath was established here in Genesis 2:2, 3.

It was practiced *before* the giving of the Ten Commandments

(example: manna not collected on 7th day; Ex 16:22-28  
Commandments given at Sinai, Ex 20:8-11).

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# Background on Genesis 2

## The Institution of the Sabbath

The Sabbath becomes distinctive of Israel (Ex 20:2, 8-11; Deut 4:13; 5:2-21).

Mosaic Laws concerning the Sabbath (Ex 35:2,3; Lev 23:3; 26:34; et al; Isa 56:2,4,6; 58:13,14; Jer 17:20-22; Neh 13:19);

kindling a fire on the Sabbath was forbidden (Ex 25:3);

the penalty for profaning the Sabbath by doing any work on it was death (Ex 31:14-17).

However, priests carried on their duties about the Tabernacle on the Sabbath (Lev 24:8; Num 28:9, 10);

the Temple was full of activities (1 Chr 9:32; 23:31; 2 Chr 2:4; 8:13; 23:4; 31:3);

the rite of circumcision was performed on the Sabbath if it was the 8th day after the child’s birth (Lev 12:3; Jn 7:22).

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# Background on Genesis 2

## Abuses

Isaiah condemned the hypocrisy of the worshipers (Isa 1:12, 13).

He defined true Sabbath keeping as turning from one's own ways and own pleasures and taking delight in the Lord (Isa 58:13, 14).

Other prophets also raised their protests against the abuse of the Sabbath (Jer 17:21, 22; Ezek 22:8; Amos 8:4).

The destruction of Jerusalem and the captivity of the Jews as due to their desecration of the Sabbath (Jer 17:27; Ezek 20:23, 24).

Why were they in captivity for 70 years? (2 Chr 36:20, 21)

God takes His instructions for the Sabbath, and Sabbatical years, seriously.

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# Background on Genesis 2

## The Exile

- Hosea predicted that God would make Israel's Sabbaths to cease because of her unfaithfulness (Hos 2:11);

it was not meant to be permanent (Isa 66:23; Ezek 44:24; 46:1ff).

- Nehemiah was shocked to see the widespread desecration of the Sabbath day and took steps and instituted reforms.

This was so successful that in the days of the Maccabees, many chose to die rather than desecrate the Sabbath, even for self-defense (1 Mac 2:41)

Mattathias, the leader of the revolt against the tyranny of Antiochus IV, ruled that it was permissible to take up arms in self-defense on the Sabbath.

- As the rules multiplied, so did the ruses to circumvent them:

*You can't legislate devotion.*

Even today, in Israel's secular state, a visitor is confronted with Sabbath elevators (stopping at every floor) and other travel inconveniences quite removed from the original intent.

# Background on Genesis 2

## Sabbath in the New Testament

- Jesus' custom was to attend the synagogue on the Sabbath (Lk 4:16; Mk 1:21; 3:1; Lk 13:10).
- Jesus taught the authority and validity of the OT Law (Mt 5:17-20; 15:1-6; 19:16-19; 22:35-40; Lk 16:17).
- His emphasis was not on the external observance of the law, but on the spontaneous performance of the will of God which underlay the law (Mt 5:21-48; 19:3-9).

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# Background on Genesis 2

## Six Conflicts

- 1) He defended His disciples for plucking grain on the Sabbath by alluding to the time when David and his men ate the bread of the Presence (Mt 12:1-4; Mk 2:23-26; Lk 6:1-4).
 

In so doing, Jesus placed the Sabbath commandment in the same class as the ceremonial law.

Human need had precedence over the ceremonial requirements.
- 2) He also reminded His critics that the priests in the Temple profaned the Sabbath and were held guiltless (Mt 12:5).
- 3) He referred to circumcising a male on the Sabbath day (Lev 12:3; Jn 7:22, 23).

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## Background on Genesis 2

### Six Conflicts

- 4) Jesus expressed anger over those at Capernaum who showed more concern for the punctilious observance of the Sabbath than for a human being who was deprived of the use of a hand (Mk 3:1-5; Mt 12:8-14).
- 5) Likewise, Jesus rebuked the ruler of the synagogue, who became indignant when He healed a woman who had a spirit of infirmity for 18 years (Lk 13:10-17).
- 6) Jesus asserted His lordship over the Sabbath (Mt 12:8; Mk 2:28; Lk 6:5).

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## Background on Genesis 2

### Seven Healings on the Sabbath

- 1) Demonic, in Capernaum Mk 1:21-27
- 2) Peter's mother-in-law, in Capernaum Mk 1:29-31
- 3) Impotent Man, in Jerusalem Jn 5:1-9
- 4) Man with withered hand Mk 3:1-6; Mt 12:8-14
- 5) Woman bowed together Lk 13:10-17
- 6) Man with Dropsy Lk 14:1-6
- 7) Man born blind Jn 9:1-14

In all of these instances, Jesus showed that He placed human need above mere external ceremonial observance of the Sabbath.

*He never did or said anything to suggest that He intended to take away from man the privileges afforded by such a day of rest.*

## Background on Genesis 2

Not all healings were on the Sabbath: healing on Sunday, after the Sabbath (*Mk 1:32*).

*Mark 1:32 And at even, when the sun did set, they brought unto him all that were diseased, and them that were possessed with devils.*

*The Sabbath was made for man; not man for the Sabbath. Mark 2:27*

*Jesus is Lord of the Sabbath. Matthew 12:8*

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## Background on Genesis 2

### The Early Church

The early Christians were loyal Jews;

- they worshiped daily in the Temple at Jerusalem (Acts 2:46; 5:42);
- they attended services in the synagogue (Acts 9:20; 13:14; 14:1; 17:1, 2, 10; 18:4);
- they revered the law of Moses (Acts 21:20).

The dispute over the requirements of a Gentile Christian were resolved at the Council at Jerusalem (Acts 15).

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## Background on Genesis 2

### Paul and the Sabbath

The law was a yoke of bondage from which the Christian had been set free (Gal 3:2, 3; 5:1; et al.).

Paul made no distinction between moral and ceremonial law:

It was all part of that old covenant, which was done away in Christ (2 Cor 3:14); it was “nailed to the cross”(Col 2:14).

- The Sabbath and festivals are declared to be “only a shadow of what is to come”(Col 2:16, 17).
- To “observe days, and months, and seasons, and years” is to be slaves to “the weak and beggarly elemental spirits” (Gal 4:9, 10; Col 2:20).
- The observance of days is a characteristic of “the man who is weak in faith” (Rom 14:1-6).

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## Background on Genesis 2

### Apostolic Practice?

After his resurrection, Jesus appeared to His disciples on four Sundays (Mt 28:1; Mk 16:2; Lk 24:1; Jn 20:1).

This is a part of the basis of the veneration of Sunday as the “Lord’s Day,” replacing the traditional Sabbath.

Pentecost, the birth of the church, was, by definition, on a Sunday (Acts 2:1).

Some maintain that the Ascension occurred on a Sunday; but with 40 days intervening between the Resurrection and the Ascension, this appears unlikely (Acts 1:9).

They did meet on a Sunday night (Acts 20:7).

The assertion that “we never see Christ meeting with his disciples on any other day” appears to be contradicted by “... after 8 days again...” (John 20:26).

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## Background on Genesis 2

### Caveats about the “Early Church”

Lessons from the Seven Churches Rev 2 & 3—each was *surprised* by their report card:

Those that thought they were doing well weren't.

Those that thought they were not doing well, were.

Many errors were rampant:

Origen's allegorical hermeneutics;

Augustine's Amillennialism, et al.

Furthermore, the rising anti-Semitism in the early church makes their views regarding the “Sunday Sabbath” suspect.

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## Background on Genesis 2

### Constantine (AD 274-337)

October 27, 312 A.D., on the eve of the battle of Milvian Bridge just outside of Rome, he is reported as having seen in the sky a vision of the cross, with the words, “In this Sign Conquer...”

He had painted on his men's shields a figure that was perhaps intended to be Christ's monogram (although he may have had Christ confused with the Sun in his manifestation as *summa divinitas* (the highest divinity)).

He won the battle and declared himself a Christian, establishing a turning point in the history of Christianity (*Encyclopedia Britannica*, Vol 20, 353-4 10). Whether this was true conversion or a politically advantageous rationalization is a matter of scholastic dispute. Even his contemporaries,

Lactantius and Eusebius of Caesarea, are not enlightening and even contradictory on the subject (*Encyclopedia Britannica*, Vol 20, p.353)<sup>11</sup>

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