Supplemental Notes:

The Book of Genesis

compiled by Chuck Missler

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Acknowledgments

These notes have been assembled from speaking notes and related materials which had been compiled from a number of classic and contemporary commentaries and other sources detailed in the bibliography, as well as other articles and publications of Koinonia House. While we have attempted to include relevant endnotes and other references, we apologize for any errors or oversights.

The complete recordings of the sessions, as well as supporting diagrams, maps, etc., are also available in various audiovisual formats from the publisher.

The Book of Genesis Introduction

There are only two world views: either everything is a result of a cosmic accident, or we are the result of a deliberate design by a Designer.

There are also four basic questions common to every individual: Who am I? Where did I come from? Why am I here? and, Where am I going when I die?

Two Critical Discoveries

- 1) We have in our possession an *Integrated* Message System, consisting of 66 separate books penned by 40 different individuals over thousands of years...
- 2) Which provably has its origin from *outside our time domain*.

One Integrated Design: The New Testament is in the Old Testament concealed; The Old Testament *is in the New Testament revealed.* — Augustine

The Old Testament is an account of a Nation. The New Testament is the account of a Man. The Creator became a Man. His appearance is the central event of all history: He died to purchase us and is alive now. The most exalted privilege is to know Him. That's what the Bible is all about.

The Torah: The Five Books of Moses

Genesis	The Book of Beginnings		
Exodus	The Birth of the Nation		
Leviticus	The Law of the Nation		
Numbers	The Wilderness Wanderings		
Deuteronomy	The Laws Reviewed		

Who Wrote the Torah?

Documentary Hypothesis (Graf-Wellhausen Hypothesis) says that the Torah was compiled by later editors: J (Jehovahist, Yahwist); E (Elohist); D (Deuteronomic source); and, P (Priestly source). This hypothesis was created without any compelling historical, linguistic or textual evidence and has been shredded by Oswalt T. Allis, R.N. Whybray, E.J. Young, Umbertos Cassuto, R.K. Harrison, Kenneth A. Kitchen... et al.

Luke Chapter 24: The Walk to Emmaus

- 13] And, behold, two of them went that same day to a village called Emmaus, which was from Jerusalem *about* threescore furlongs.
- 14] And they talked together of all these things which had happened.
- 15] And it came to pass, that, while they communed *together* and reasoned, Jesus himself drew near, and went with them.
- 16] But their eyes were holden that they should not know him.

"...three score furlongs" = $7\frac{1}{2}$ miles, from Jerusalem (furlong = 1/8 mile).

- 17] And he said unto them, What manner of communications *are* these that ye have one to another, as ye walk, and are sad?
- 18] And the one of them, whose name was Cleopas, answering said unto him, Art thou only a stranger in Jerusalem, and hast not known the things which are come to pass there in these days?
- 19] And he said unto them, What things? And they said unto him, Concerning Jesus of Nazareth, which was a prophet mighty in deed and word before God and all the people:
- 20] And how the chief priests and our rulers delivered him to be condemned to death, and have crucified him.
- 21] But we trusted that it had been he which should have redeemed Israel: and beside all this, to day is the third day since these things were done.
- 22] Yea, and certain women also of our company made us astonished, which were early at the sepulchre;
- 23] And when they found not his body, they came, saying, that they had also seen a vision of angels, which said that he was alive.
- 24] And certain of them which were with us went to the sepulchre, and found *it* even so as the women had said: but him they saw not.
- 25] Then he said unto them, O fools, and slow of heart to believe all that the prophets have spoken:
- 26] Ought not Christ to have suffered these things, and to enter into his glory?
- 27] And beginning at Moses and all the prophets, he expounded unto them in all the scriptures the things concerning himself.
- 28] And they drew nigh unto the village, whither they went: and he made as though he would have gone further.
- 29] But they constrained him, saying, Abide with us: for it is toward evening, and the day is far spent. And he went in to tarry with them.
- 30] And it came to pass, as he sat at meat with them, he took bread, and blessed *it*, and brake, and gave to them.
- 31] And their eyes were opened, and they knew him; and he vanished out of their sight.
- 32] And they said one to another, Did not our heart burn within us, while he talked with us by the way, and while he opened to us the scriptures?

Textual Rebuttals

- Emmaus Road Account
- Authentication of Moses: Mt8:4; 19:7,8; 23:2; Mk 1:44; 10:3,4; 7:10; Lk 5:14; 16:19,31; 20:37; 24:27,44; Jn 3:14; 5:39,45,46; 6:32; 7:19,22,23.
- All Scriptures are Christ Centered: Jn 5:39; Ps 40:7; Mt 5:17,18.
- Old Testament Quotes:
 - Adam: Deut, Job, 1 Chr.
 - Noah: 1 Chr, Isa, Ezek.
 - Abraham: 15X in OT; 11X in NT.
 - Jacob: 20X in OT; 17X NT.
- New Testament Quotes of Genesis:
 - 165 direct quotes; ~200 allusions;
 - ~100 of the first 11 chapters.

Do not think that I will accuse you to the Father: there is *one* that accuseth you, *even* Moses, in whom ye trust. For had ye believed Moses, ye would have believed me: for he wrote of me. But if ye believe not his writings, how shall ye believe my words?

John 5:45-47

New Testament References to the Book of Genesis

- The Creator and the Creation: Mt 13:35; Mk 13:19; Jn 1:3; Acts 4:24; Acts 14:15; Rom 1:20; 2 Cor 4:6; Col 1:16; Heb 1:10; 11:3.
- Allusions to the Creation: Rom 1:25; 16:25; Eph 3:9; 1 Tim 4:4; Heb 2:10; 4:10; 9:26; Jas 3:9; Rev 3:14; 4:11; 10:6; 14:7.
- **Creation of Man and Woman:** Mt 19:4-6,8; Mk 10:6; Acts 17:26; 1 Cor 6:16; 11:8,9; Eph 5:31; 1 Tim 2:13, 14; Rev 2:7; 22:2, 14.
- **The Fall:** Rom 5:11, 14, 17, 19; 8:19-20; 1 Cor 15:21-22; 2 Cor 11:3; Rev 20:2.
- **The Flood:** Mt24:37; Lk 17:26; 1 Pet 3:20; 2 Pet 2:5; 3:5-6.
- The Patriarchs: Mt23:35; Lk 3:34-38; 11:52; Heb 11:4-7, 23; 12:24; 1 Jn 3:12; Jude 11, 14.

Every New Testament writer refers to the early chapters of Genesis: portions of Chapters 1 - 11 (except 8) is referred to in New Testament.

Search the Scriptures; fo rin them ye think ye have eternal life: and they are they which testify of me.

John 5: 39

Christ is on every page!

In the beginning was the Word, and the Word was with God, and the Word was God. The same was in the beginning with God. All things were made by him; and without him was not any thing made that was made. John 1:1-3

For by him were all things created, that are in heaven, and that are in earth, visible and invisible, whether they be thrones, or dominions, or principalities, or powers: all things were created by him, and for him: And he is before all things, and by him all things consist.

John 5:45-47

"...consist": composed, established, held together.

Why Study the Book of Genesis?

It is the Book of Beginnings (Law of First Mention): Creation • Man

- Woman Sabbath Marriage Home Childhood Sin Murder
- Chosen people ...etc.

Genesis Anticipates all false philosophies

- Atheism (Genesis says the world was created by God)
- Pantheism (Genesis says God is transcendent and distinguishable)
- Polytheism (Genesis says there is One God)
- Materialism (Genesis says that matter had a beginning)
- Humanism (Genesis says that God, not man, is the ultimate reality)
- Evolutionism (Genesis says "God created")
- Uniformism (Genesis says God intervenes in His creation)

All major doctrines have their roots in Genesis:

Sovereign election • Salvation • Justification by faith • Believer's Security • Separation • Disciplinary chastisement • Divine Incarnation • Rapture of the Church • Death and Resurrection • Priesthoods (Aaronic andMelchizedek) • The Antichrist • Palestinian Covenant

Genesis vs. Revelation

	Genesis	Revelation
Earth Created	1:1	
Earth Passed away		21:1
Sun, moon, stars	1:14-16	4:12;8:12
Earth's government	37	
Earth's judgment		16:8

	Genesis	Revelation
Sun to govern Day	1:16	
No need of sun		21:23
Darkness called night	1:5	
No night there		22:5
Waters He called seas	1:10	
No more sea		21:1
A river for earth's blessing	2:10-14	
A river for New Earth		22:1,2
Man in God's Image	1:26	
Man Headed by Satan's		
Image		13
Entrance of sin	3	
End of sin		21,22
Curse pronounced	3:14-17	
No more curse		22:3
Death entered	3:19	
No more death		21:4
Cherubim first mentioned	3:24	
Cherubim final mention		19:4
Man driven out of Eden	3:24	
Man restored		22
Tree of life guarded	3:24	
Access to Tree of life		22:14
Sorrow & suffering enter	3:17	
No more sorrow		22:4
Religion, art, and science		
separated from God	4	
judged, destroyed		18
Nimrod founds Babylon	10:8-10	
Babylon falls		17,18
God's Flood to		
Destroy evil generation	6-9	
Satan's flood to		
Destroy elect generation		12
A bow: God's promise	9:13	
A bow for remembrance		4:3;10:1
Sodom & Egypt:	10 10	
Corruption, judgement	13,19	
"Sodom & Egypt"		11.0
(Jerusalem)		11:8

	Genesis	Revelation
A confederation vs.		
Abraham's people	14	
Abraham's Seed		12
A bride for Abraham's son	24	
A bride for Abraham's		
Seed		19
Marriage of 1st Adam	2:18-23	
Marriage of Last Adam		19
Promised Seed:		
Possess gate of enemies	29:8	
Promised Seed possessir	ıg	19
Man's dominion ceased and	-	
Satan's begun	3:24	
Satan's domain ended and		
man's restored		22

Genesis Outline

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
Creation W	eek: Day One	e: "Let Light Be"

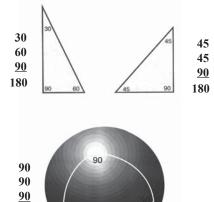
Creation Week:	Day One:	"Let Light Be"
	2 nd Day:	Stretching of Space
	3 rd Day:	Land and vegetation
	4 th Day:	Sun, Moon, Stars
	5 th Day:	Sea Animals & Birds
	6 th Day:	Land Animals & Man

A Few Assists: The Word of God is *inexhaustible*. The truth is in the details. Every detail is connected to every other; it is an *integrated* message. What do you do with "difficult" passages? *Put Christ right in the middle and see what happens!* You will discover that *Christ is on every page!*

Some Fundamental Questions

?

- Is the Universe ~15 billion years old? (Hubble Telescope, et al.)
- Was it created in 6 days? 144 hours? Were aging factors built in? Was light created "in transit"?
- Or were the "days" of Genesis simply geological eras? Was "evolution" the mechanism God used?



The Nature of Reality: A Glimpse of Hyperspaces

The rules we learned in school were for a universe of only two dimensions, that's why we call it "plane" geometry; or "plane" trigonometry. In spherical (3-D) trigonometry, a triangle of *more* than 180° implies a *convex* surface; a triangle of *less* than 180° implies a *concave* surface.

Einstein's Revolution

Special Relativity (1905): Length, mass, velocity and time are *relative* to velocity of the observers

General Relativity (1915): There is no distinction between time and space = a 4-dimensional continuum (confirmed 14 ways to 19 decimals). We have the advantage of modern physics, although few appreciate its aid to our understanding *Biblical* insights!

The Nature of Gravitational Time Dilation

Identical Atomic clocks are located at the National Institute of Standards and Technology in Boulder, Colorado, and the Royal Observatory

in Greenwich, England. The NIST clock ticks 5 μ seconds/year<u>faster</u> than an identical clock at Greenwich. Which is correct? *Both* are! Boulder, Colorado = 5400 ft altitude; Greenwich, England = 80 ft. Atomic clocks are faster by the rate of 10⁻¹⁶ sec/meter elevation. Other demonstrations include the aircraft experiment (1971) where the plane traveling eastward *lost* 0.059 microseconds and the one flying westward *gained* 0.273 microseconds, accounting for the Earth's rotation, etc., exactly what Einstein's formula predicted! And a classic is the hypothetical trip to Alpha Centauri by the twin astronauts...

Time is *not* uniform: it is a *physical* property that *varies* with mass, acceleration and gravity...among other things... We exist in *more* than three dimensions (apparently 10). This physical insight will dissolve most theological paradoxes...

The Nature of God

Is God subject to the restrictions of mass? Acceleration? Gravity? He is not simply One with "lots of time," He is *outside* of the restrictions of time This uniqueness is His Personal Imprint...From Outside Time.

For thus saith the High and Lofty One, that inhabiteth eternity...

Isaiah 57:15

Since God has the technology to create us, He certainly has the means to get a message to us...but how does He *authenticate* His message so that we know that it is really from Him, and not a contrivance or a fraud?

Declaring the end from the beginning, and from ancient times the things that are not yet done...

Isaiah 46:10

1] In the beginning God created the heaven and the earth.

ַבְּרֵאשִׁית בֹּרֹא אֱלהִים אֵת הַשֹּׁמַיִם וְאֵת הֹאֹרֶץ

Beresheet Bara Elohim et ha-Shamayim et ha-Eretz: Beresheet = In beginning...*Bara* = Create out of nothing...*Elohim* = God; plural noun, used as a singular.

Age of the Earth?

Classic Date of October, 1404 B.C.: Archbishop James Ussher & Dr. John Lightfoot (17th century). Similar studies by William Henry Green, & B.

B. Warfield, Princeton (19th century) and E.W. Faulstich, computer analysis,1979; Walter T. Brown, 1995. More recent parallel studies not materially different. "Gaps" in genealogies not materially relevant.

Some Preliminaries

It is essential to "blindfold our prejudices" and shed the baggage of our misconceptions. The only sure barrier to truth is the presumption that you already have it...20th century science has vindicated the Biblical perspectives of reality (the finite universe; the discovery of the nature of time, the realization of hyperspaces...and more!

There is a principle which is a bar against all information, which is proof against all argument, and which cannot fail to keep man in everlasting ignorance. *That principle is condemnation before investigation*.

— Edmund Spencer

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. The most profound discovery of modern physics is that we live in a *finite* universe. From a singularity of a beginning... to an ultimate thermodynamic termination as an ending.

The "Big Bang" Models

- Steady State Model
 - Einstein's Biggest Mistake
- Hesitation Model
 - Refuted in the 1960's
- Oscillation Model
 - Refuted by entropy laws, lack of mass.
- Inflation Model
 - Requires antigravity forces never observed

The Stretch Factor (re: Dr. Gerald Schroeder)

- The expansion factor: $\sim 10^{12}$
- 16 billion years x 365 = 6,000,000,000,000 days
- $6 \ge 10^{12} \text{ days} \div 10^{12} = 6 \text{ days}! \text{ Cosmic}$
- Background Radiation: Initial formation (hadron nucleosynthesis):10.9 x 10¹²k/2.73k (today)=4 x 10¹²

Boundaries of Reality

There are two mathematical conceps that go beyond our physical reality: **Infinity** and **Chaos Theory:** Our physical universe is a *subset* of an ultimate set of conditions and length, mass, and time = *quantized*.

Physical Chronometers

- Radiometric Dating
- Known clock rate
- Clock set accurately at beginning
- Clock must not be disturbed during measure
- Uniformitarian Thesis vs Catastrophism

Young Earth Indicators

Moon Dust: The lunar surface is exposed to direct sunlight, and strong ultraviolet light and x-rays can destroy the surface layers of exposed rock and reduce them to dust at a rate of a few ten-thousandths of an inch per year. But even this minute amount during the age of the moon could be sufficient to form a layer several miles deep." (R. A. Lyttleton, astronomer and consultant to NASA, 1956.) Only a few thousand year's worth found. Neil Armstrong, Apollo 12, was concerned as he stepped out...

Earth's Magnetic Field: Earth's magnetic field half-life is calculated to be 1,400 years. Based on measurements taken from 1835 to 1965 estimates an age of less than 10,000 years. If extrapolated back 20,000 years, the joule heat generated would liquify the earth. [Thomas G. Barnes, *Origin and Destiny of the Earth's Magnetic Field*, Institute for Creation Research, 1983. After revisions for magnetic reversals, etc., Dr. Russell Humphreys confirmed these results. (John D. Morris, *The Young Earth*, 1994.)]

Mississippi River Delta: Approximately 300 million cubic yards of sediment are deposited into the Gulf of Mexico by the Mississippi River each year. Analysis of the volume and rate of accumulation and dividing the weight of the sediments deposited annually, the age of the delta appears to be about 4,000 years old. (Henry M. Morris, ICR.)

Salinity of the Oceans: The uranium, sodium, nickel, magnesium, silicon, potassium, copper, gold, molybdenum, and bicarbonate concentrations in the oceans are much less than would be expected if these elements and compounds were being added to the oceans at the present rate for thousands of millions of years. Nitrates and uranium do not break

down or recycle like salt. Implies oceans are a few thousand years old. (Henry Morris, SA Austin, Dr. Humphreys, et al.)

Poynting-Robertson Effect ("Solar Janitor"): Photons slow down the forward movement of objects in space. The solar drag force exerted upon micrometeoroids causes the particles to spiral into the sun. The sun is sweeping space at the rate of about 100,000 tons/day. There is no known source of replenishment. Their current abundance speaks for a young universe. (Stanley P. Wyatt, Jr. and Fred L. Whipple, "The Poynting-Robertson Effect on Meteors," *Astrophysical Journal*, Vol 3, Jan 1950, p.134-141; David A Weintraub, "Comets in Collision," *Nature*, Vol 351, 6 June 1991, p.440-441.)

Radiohalos: Primordial Polonium 218 has been found in mica and fluorite. Polonium 218 has a half-life of only 3 minutes. This is evidence of an instantaneous crystalization of the host granite concurrent with the formation of the polonium. This speaks of an instantaneous creation.

Velocity of *c* **Decreasing:** Four of five related atomic properties dependent upon c have demonstrated decrease. Slowing of atomic clocks relative to orbital clocks; if atomic clocks are correct, orbital speeds of Mercury, Venus and Mars are increasing. [William Tift, University of Arizona: red shift quantized; not "doppler effect"; could be explained by changes in atomic behavior due to a decrease in *c***.** T. C. VanFlandern, U.S. Naval Observatory: atomic clocks are slowing several parts per billion/year. D. Russell Humphreys: "White Hole" (Black hole in reverse).]

Quantization of Red Shift: Distortion of gravity during an early expansion phase. Time stands still at event horizon.

Two Critical Discoveries

- 1) We have in our possession an *Integrated* Message System consisting of 66 separate books penned by 40 different individual over thousands of years...in which every detail is anticipated by deliberate, skillful, design!
- 2) And which demonstrates that its origin is from *outside our time domain*.

Think not that I am come to destroy the law, or the prophets: I am not come to destroy, but to fulfill. For verily I say unto you, Till heaven and earth pass, one jot or one tittle shall in no wise pass from the law, till all be fulfilled.

Is the Bible "Inerrant"?

What about 1 Kings 7:23?

And he made a molten sea, ten cubits from the one brim to the other: it was round all about, and his height was five cubits: and a line of thirty cubits did compass it round about.

1 Kgs 7:23

וַיַּעַשׂ אֶת־הַים מוּצֹק עֶשֶׂר בַּאַמָּה מִשְׂפָתוֹ עַד־שְׂפָתוֹ ענּל סבִיב וְחֹמֵשׁ בַּאַמּה קוֹמָתוֹ (וּקְוֵה) **[וְלָח** שׁלשים בַּאמָת יסב אָתוֹ סביב

Hebrew Alphanumerics

×	1	٩	10	P	100
ב	2	2	20	٦	200
ډ	3	ځ	30	Ċ	300
٦	4	מ	40	л	400
п	5	נ	50	٦	500
٦	6	σ	60	ם	600
1	7	ע	70	Ĩ	700
Π	8	٩	80	ግ	800
ъ	9	۲	9 0	r	900

A Spelling Lesson

kethiv (written variation) = $\frac{111}{106}$ qere (marginal annotation) = $\frac{106}{106}$

We all know from school that the circumference of a circle is πx diameter, so if we take the 30 cubits x **111/106** = 31.41509433962 cubits! ...*in a circumference of over 46 feet, an error of less than 15 thousandths of an inch*! That's not all: in Genesis 1:1:

בְּרֵאשִׁית בֹּרֹא אֱלהִים אֵת הַשֹּׁמַיִם וְאֵת הֹאֹרֶץ

If you examine the numerical values of each of the Hebrew letters, and the numerical value of the words, and apply them to this formula:

<u>The number of letters x the product of the letters</u> The number of words x the product of the words You get 3.1416×10^{17} . The value of π to four decimal places! Hmm. The ancient Hebrew sages believed, of course, that God created the heavens and the earth. However, some of them believed that *the Word of God was the very template* with which He did it. This strikes some of us as simply a colorful exaggeration that goes beyond any direct evidence. *But there are hints here and there...*

Natural Logarithms

Mathematician John Napier (1550-1617) was an activist for the Reformation and Protestant affairs in Scotland and was an inventor of Logarithms ("Natural" or "Napierian" Logarithms: Log_e , Ln). The number *e* is most commonly defined as the limit of the expression $(1 + 1/n)^n$ as *n* becomes large without bound. This limiting value is approximately 2.7182818285. The number *e* forms the base of natural, or Napierian, logarithms.

It appears in the exponential function, e^x , the only function having a rate of growth equal to its size (in the language of calculus, the only function having a derivative equal to itself). It therefore is the fundamental function for equations describing growth and many other processes of change.

In geometry, *e* is a necessary component for many curves, such as the catenary, the shape assumed by a cord suspended from its extremities. In the study of Imaginary Numbers, *e* appears in the extraordinary equation $e^{40} = -1$, in which 4 is the square root of -1. The number *e* also appears constantly in the theory of probability. For example, if many letters are written and the corresponding envelopes addressed, and the letters are then fitted at random into the envelopes, the probability that every letter will go into a wrong envelope is extremely close to e^{-1} .

The number e also appears in formulas for calculating compound interest. Even in pure theory of numbers, e crops up. For example, the number of prime numbers in the first N numbers (if N is extremely large) is given by the expression $N/\log N$, in which $\log N$ is the natural logarithm of N and, therefore, a function of e.

John 1:1

In the beginning was the Word, and the Word was with God, and the Word was God.

John 1:1

In Greek:

Έν ἀρχῆ ἦν ο λόγος, καὶ ο λόγος ἦν πρὸς τὸν Θ
ϵόν, καὶ Θ
ϵὸς ἦν ο λόγος

This time if you take the numerical value of each of the Greek letters (see chart again), and the numerical value of the words, and apply them to the same formula:

<u>The number of letters x the product of the letters</u> The number of words x the product of the words

You now get 2.7183×10^{65} , the value of *e*. Curious!

Each of these is another of those puzzling ostensible "coincidences" that are too astonishing to dismiss, and yet present challenges in suggesting any real significance. And taken together, they do evoke some conjectures. There are, however, at least two problems: why just four decimal places (they both deviate from the fifth place onwards) and what do you do with all the "extra zeroes"?

I frankly don't know. The rabbis would suggest that each of these may simply be a *remez*, a hint of something deeper. Let me know if you have any suggestions. Meanwhile, let's continue to praise our Creator-Saviour for His marvelous Word!

* * *

Next Session

- Day One: Genesis 1:2-5.
- What is a "day"?
- Was there a "gap" between v.1 & v.2?
- When did Satan fall? Where did he come from?
- What are the mysteries behind the nature of "light"? Is its velocity a constant as is commonly believed?

Study Questions

(For the diligent student.)

- 1) What are the (only) two world views? What four questions inevitably derive from them?
- 2) What two discoveries of the Bible underpin these studies?
- 3) Who wrote the Torah? How do we know for sure?
- 4) How do we know that time is a *physical* property? How does that impact our Biblical views?

- 5) Why do most people believe in a very "old" universe? (List the primary reasons.)
- 6) What does thermodynamics indicate about the age of the universe?
- 7) List at least five indicators that suggest a "young" earth.

Discussion Questions

("Where two people agree, one is redundant.")

- How does your world view affect your everyday life? Can you adduce the real world view from one's behavior?
- 2) Discuss how the Book of Genesis refutes each of the major false philosophies prevalent today.
- 3) How old do you believe the universe is? *Why* do you believe that? Is the age of the earth any different?
- 4) What two concepts in mathematics are *not* present in our physical universe? What does that imply about our reality?
- 5) What does the apparent presence of π and *e* in the Biblical text signify?

Research Projects

(For the truly dedicated.)

- 1) Compile a list of Genesis references in the New Testament.
- 2) Compile a list of physical factors that indicate a young earth. (Walt Brown lists 100.)
- 3) Compile a list of problems with the various alternative views of the "Big Bang."

Preparation for the Next Session:

Read Genesis 1; Isaiah 14, 45; Ezekiel 28; and, Jeremiah 4. Review any available background on the nature of light.