

# **REVELATION AND REALITY**

*The Issue of Origins:  
Biblical, Philosophical and Scientific Perspectives  
Concerning  
The Truth about What is Real*

**Origins and Reality  
according to  
*Infallible Scripture and True Science***

Lecture #1. Foundations: The Battle of Authority

Lecture #2. The Primordial Cosmos: Part 1

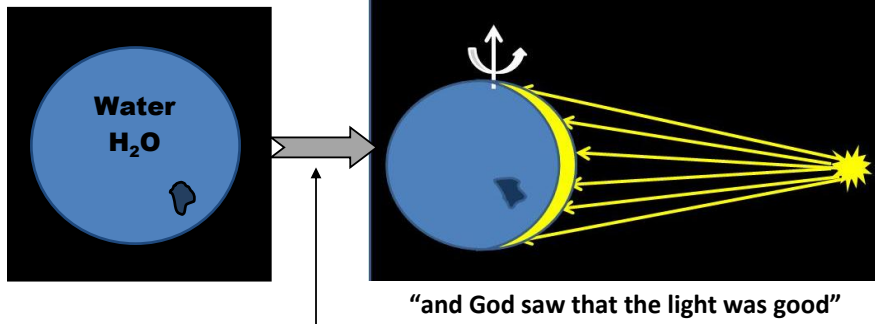
Lecture #3. The Primordial Cosmos: Part 2

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*The Bridge Bible Fellowship*  
Summer 2020

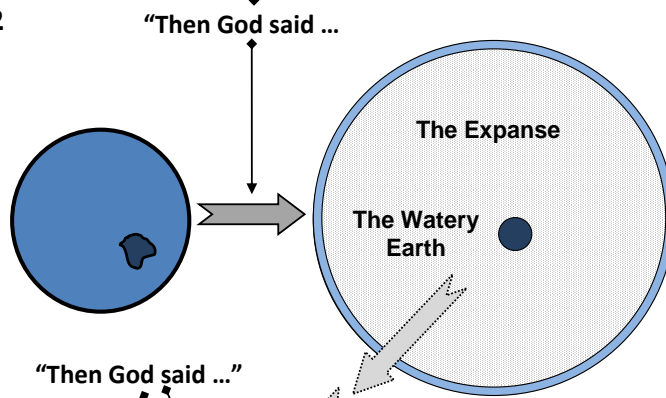
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### Day 1 + Day 2 + Day 3: Creation Summary

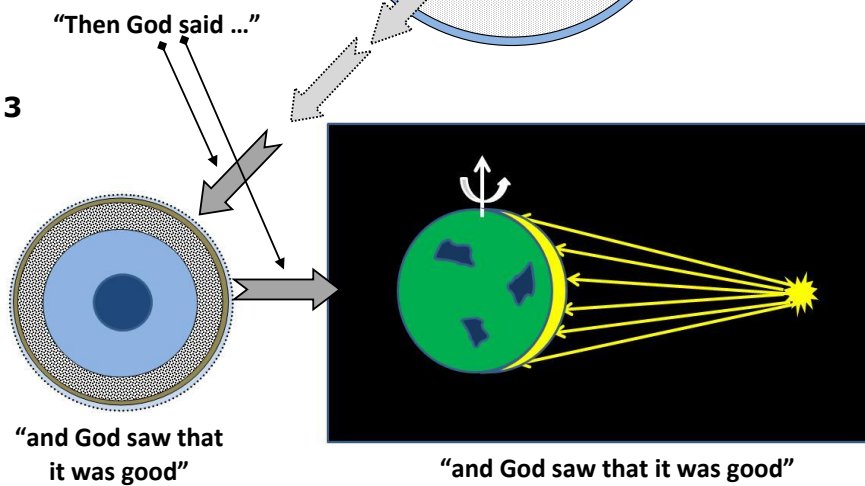
Day 1



Day 2



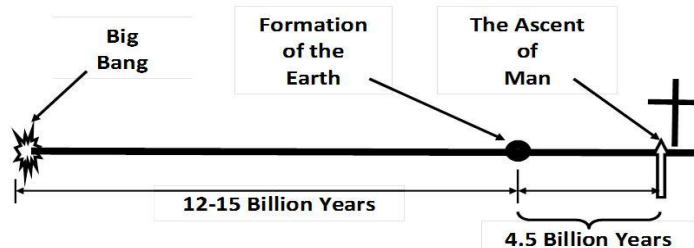
Day 3



## Day 4: Creation of Cosmic Light-Bearers (Luminaries)

Origins: Which View?

View of Naturalism



View of Creationism

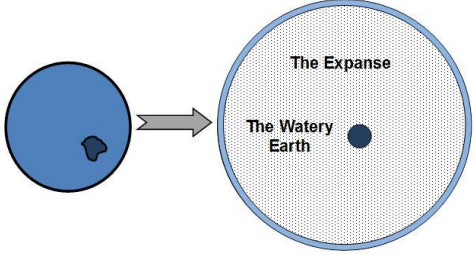


**“In a nutshell, the Big Bang, or, as some cosmologists prefer to call it, ‘the Standard Model of Cosmology’, goes something like this. About 15 billion years ago the universe erupted from an enormous and still unexplained event – often referred to as a ‘singularity’ – from which all space and matter were created. That’s why you can’t say it was an explosion. Nothing can’t explode. And at the instant of the Big Bang, there was something. ... It also didn’t happen anywhere – that is in a single location – but everywhere.”**

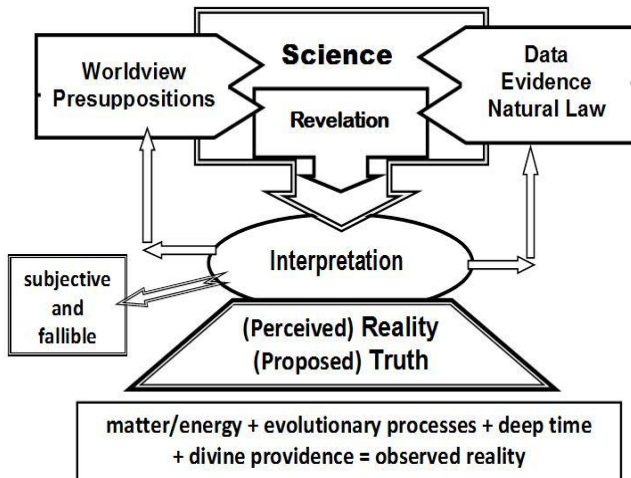
**K.C. Davis, “Don’t Know Much About the Universe”, p. 201 (2001)**

**“A nebula is a large amount of gas and dust spread out in an immense volume. All stars begin their lives as parts of nebula. Gravity can pull some of the gas and dust in a nebula together. The interacting cloud is then called a protostar. ... A star is born when the contracting gas and dust become so hot that nuclear fusion starts.”**

**Earth Science, p. 703 (2001) Prentice Hall**

Big Bang Presuppositions	Creation Model
<p>All galactic matter 'formed' in Big Bang                      Cosmos unbounded – w/o edge or center                      Galaxies condensed from gaseous nebulae                      Homogeneous cosmic distribution of galaxies                      Solar system formed late in galactic evolution                      'Day 4' – a long age of galactic development:                      &gt; enveloping clouds dissipated, becoming transparent, and allowing cosmic 'light-bearers' to become visible to an observer on earth</p>	 <p>Cosmos bounded – with edge and center                      Entire cosmos "made" in one solar day                      Cosmic 'light-bearers' visible on Day 4</p>

**Theistic Naturalism / Progressive Creationism**



**Progressive Creationist Perspective**

"The entire process of stellar evolution is by natural processes alone. We do not have to invoke Divine intervention at any stage in the history of the life-cycle of the stars we observe."

Hugh Ross

"And God made the **expanse**, ... And God called the **expanse** heaven. ... a 2<sup>nd</sup> day." *Gen. 1:7-8*

"Then God said, 'Let there be lights **in the expanse** of the heavens ... and let them be for lights **in the expanse** of the heavens ... and God made the two great lights ... He made the stars also. And God placed them **in the expanse** of the heavens to give light on the earth.'" *Gen. 1:14-19*

The **expanse** is of bounded extent ... defined by the confined space between the waters below and the waters above

## Refuting the Big Bang Cosmology: Revelation

The voice of wisdom says:

“The utterances of my mouth are in righteousness;  
there is **nothing crooked or perverted** in them.

They are **all straightforward** to him who  
understands, and right to those who find knowledge.”

*Prov. 8:8-9*

“**straightforward**” → plain,  
having integrity, correct  
“**crooked**” → deceptively false  
“**perverted**” → turned aside  
➤ **plain, right, trustworthy**

*Gen. 1:14-19*

“Then God said, ‘Let there be lights in the  
expanse of the heavens to:

- ◆ separate the day from the night
- ◆ be for signs and for seasons and  
for days and for years
- ◆ be for lights in the expanse
- ◆ give light on the earth’  
and it was so”

“And God **made** two great ‘light bearers’

- the greater to govern the day
- the lesser to govern the night
- the stars also
- ◆ to give light on the earth
- ◆ to govern the day and the night
- ◆ to separate the light  
from the darkness;

and God saw that it was good.”

“There was evening and  
there was morning, a 4<sup>th</sup> day.”

### Word Study

“God **created**” (1:1)

“**created**” = “bārā”

“God **made**” (1:7, 16)

“**made**” = “āsāh”

Note: “**created**” and “**made**”  
appear in *Gen. 1* with a  
‘near parallel’ sense.

“Let us **make** man ...” (1:26)

“God **created** man ...” (1:27)

“... His works which He  
had **made**” (2:2)

“all His works which He  
**created and made**” (2:3)

“In the day when  
God **created** man, He **made** him  
in the likeness of God.” (5:1)

“Then God said, ‘... and let the  
dry land **appear**.’” (1:9)

“**appear**” = “rā’āh”

“**made**” ≠ “**appear**”

The linguistic construction of *Gen. 1* stands  
in sharp contradiction to the Big Bang idea that a  
clouded envelope about the solidifying earth  
slowly dissipated, becoming transparent and thus  
revealing evolved luminaries in the heavens.

## Refuting the Big Bang Cosmology: Revelation cont'd

"Thou alone art the LORD.  
 Thou hast **made** the heavens, ..." *Neh. 9:6*  
 "... the LORD **made** the heavens." *Ps. 96:5*

"Of old Thou didst found the earth;  
 and the heavens are the  
**work** of Thy hands." *Ps. 102:25*

→ "Praise Yahweh  
 → from the heavens  
 → in the heights!  
 → all His angels  
 → all His hosts  
 → sun and moon  
 → all stars of light  
 → highest heavens  
 → waters that are above the heavens!  
 → Praise the name of Yahweh"

### Question:

Would an absolutely righteous Being command praise for something He has not done?

Would an absolutely righteous Being accept praise for a work that He has not done?

Ques: Why praise the name of Yahweh?

→ for He commanded and they were created.

*Ps. 148:1-5*

### Purpose Ques. Why did God create astronomical bodies?

- ❖ to illumine the earth
- ❖ to govern the day and the night
- ❖ to provide a calendar
- ❖ for sign purposes

#### Sign purposes

- ◆ To reveal God's greatness & glory
  - To accentuate His wisdom & power
  - To elicit praise of the Creator
- ◆ To reveal God's amazing faithfulness ... and the surety of His Word
- ◆ To emphasize the divine origin of future judgment
  - communicated through disruption of the dependable and repetitive regularity of appearance, function, and course of astronomical bodies
- ◆ But **NOT** to serve as objects of worship ... nor as guides for ordering our lives

God's continued upholding of the earth's orbit around the sun, its rotation about its axis, and the persistent regularity of the moon in its orbit, give pointed emphasis to:
 

- His amazing faithfulness
- His sure promises to Abraham
- His sure promises to Israel
- His sure promises to the Church

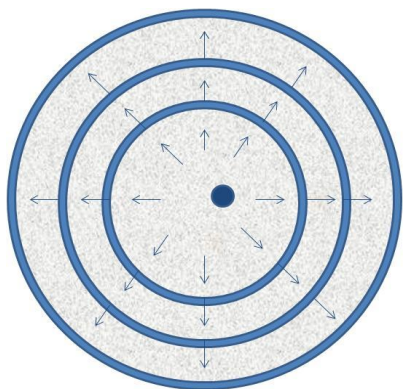
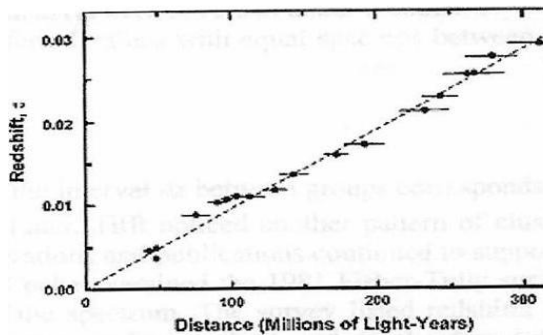
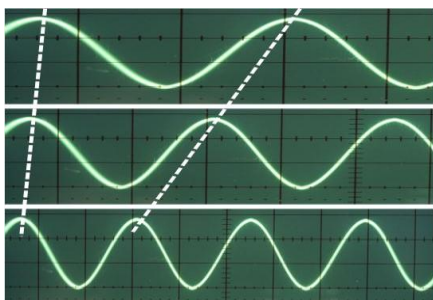
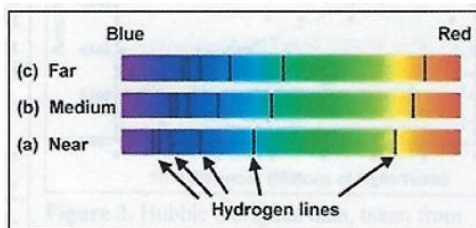
## Reality: Perspectives on the Cosmos

“It is He who ... **stretches** out the heavens like a curtain and spreads them out like a tent to dwell in.” *Isa. 40:22*

### Red Shift

#### Hubble Law

$$z = \frac{\delta\lambda}{\lambda} = \frac{H}{c}r = \frac{v}{c}$$



“Thus says God the LORD, who created the heavens and **stretched** them out, ...”  
*Isa. 42:5*

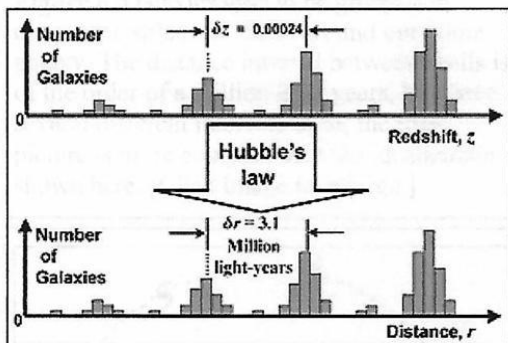
“I, the LORD, am the maker of all things, **stretching** out the heavens by Myself, ...”  
*Isa, 44:24*

“It is I who made the earth, and created man upon it. I **stretched** out the heavens with My hands, and I ordained all their host.”  
*Isa. 45:12*

(Also *Job 9:8; Ps. 104:2; Jer. 10:12; Zech. 12:1; ...*)

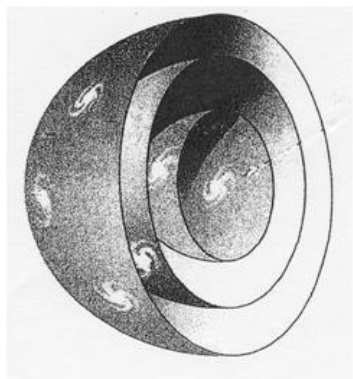
**?? Did a stretching of space occur on the 4<sup>th</sup> day as well as on the 2<sup>nd</sup> day??**

## Refuting the Big Bang Cosmology: Reality



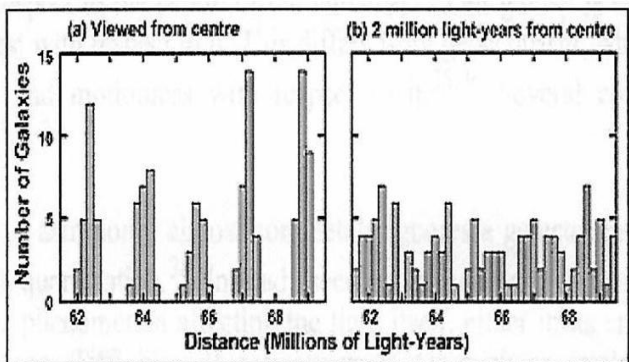
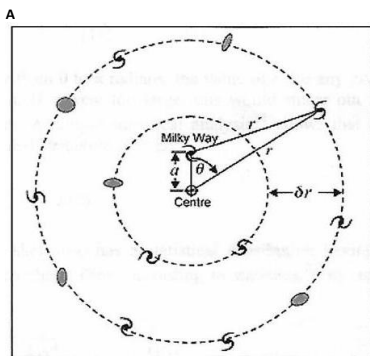
**Comment:** Observations show that redshift values  $z$  tend to cluster around values with nearly equal spacing of magnitude 0.00024.

0.00024  
0.00048  
0.00072  
etc.



“There is now very firm evidence that the redshifts of galaxies are quantized with a primary interval near 72 km/sec.”  
Tift & Cocke (1984) *Astrophys. J.*

“... the redshift distribution has been found to be strongly quantized in the galactocentric frame of reference. ... The formal confidence levels associated with these results are extremely high.”  
Napier & Guthrie (1997) *J. Astrophys. & Astron.*





“The fact that measured values of redshift do not vary continuously but come in steps – certain preferred values – is so unexpected that conventional astronomy has never been able to accept it, in spite of the overwhelming observational evidence.”

H. Arp.

*Quasars, Redshifts and Controversies*, p. 185 (1987)

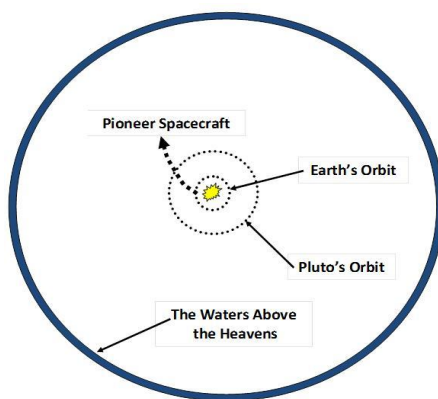
**Anomalous Spacecraft Acceleration**  
**A Tentative Validation of a Galacto-centric Cosmos**

**Fact:**

Pioneer 10 and 11 spacecraft exhibit a small sun-ward (cosmos-centric) acceleration

**Data is consistent with:**

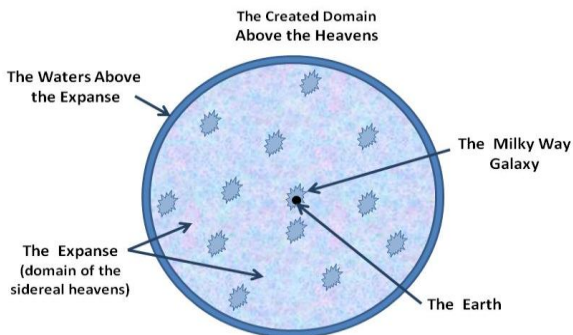
- a cosmos with a center
- a bounded cosmos surrounded with empty space



**Biblical Perspective:**

“For as the heavens are higher than the earth, ...”  
*Isa. 55:9*

Only in the galacto-centric creation model is the gravitational potential of the heavens higher than that of the earth.



### Cosmology: Revelation + True Science or Naturalism?

“Galaxies must have condensed out of the gases expanding from the big bang. ... Details of the formation of galaxies are still highly uncertain ...”

“There are problems, however, in initiating the collapse of a gas cloud. It resists collapse because of firstly its internal motions and heating effects of nearby stars”

*“The Facts on File Dictionary of Astronomy”, p. 172, 434 (1994)”*

“[The big bang] represents the instantaneous suspension of physical laws, the sudden abrupt flash of lawlessness that allowed something to come out of nothing. It represents a true miracle.”

Paul Davies,  
“The Edge of Infinity”

“Despite numerous efforts, we have yet to directly observe the process of stellar formation. ... The origin of stars represents one of the fundamental unsolved problems in contemporary astrophysics.”

C. Lada & F. Shu,  
“The Formation of Sunlike Stars”  
Science, p. 572 (1990)

“The truth is that we don’t understand star formation at a fundamental level.”

M. Chown, “Let there be Light”  
New Scientist, Feb. 7, 1998

**Finagle’s 6<sup>th</sup> Rule of Science**  
“Do not believe in miracles. Rely on them.”

### Creationism

