# 

**KIM WALL** 

## **STUDENT WORKBOOK**

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## **Literal Genesis**

An Engineer's Rebuttal to Evolutionary History

#### Kim Wall

When it comes to scientific theories of origins, as Christians we should hold firm to Scripture - which never changes, and hold loosely to human theories - which often change. In this series, we will examine the early history in Genesis, the supporting scientific evidences and explore the main controversies which often raise doubts for some Christians. Be prepared for critical thinking!



bibletalk.tv/literal-genesis

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## 1. A Rib, a Snake and a Flood

Have you ever discussed the first few chapters of Genesis with someone and felt inadequate to defend or perhaps embarrassed about its account of history? Or are you under the impression that all of science somehow disproves the Genesis narrative? In this lesson we will examine four components of early Genesis history and how they may be supported scientifically. But above all else, as Christians, we should hold firm to Scripture and hold loosely to theories.

Intro – Worldviews \_\_\_\_\_

- John 3:12\_\_\_\_\_

#### **I. Creation Account**

- God Spoke		
- The Big Bang		

	- Halton Arp				
II. Ev	I. Eve from a Rib				
	- Genesis 2:22				
	- Periosteum				
	- Chromosomes				
	- Somatic Cell Nuclear Transfer				
III. Sr	nake with Legs				
	- Genesis 3:14				
	- Blair Hedges				

#### IV. Global Flood

### **2. At What Cost?** How Disbelief in Genesis History Undermines the Gospel

You may have heard the statement, "millions of years ago, shallow, warm, inland seas covered large portions of \_\_\_\_\_". The ending of that statement being any continent you choose. The Bible affirms that all land mass was indeed underwater, not only at the same time, but much more recently than "millions of years ago". In this lesson we will examine one of the evidences which support a recent global flood. Additionally, we will weigh the ultimate cost for discounting the history of Genesis.

Intro – Hold firmly to Scripture and loosely to theories.

#### I - Proteins

Collagen			
- Psalm 139:13	 	 	 
Hemoglobin			

Salamander Fossil – Muscle Tissue
Hadrosaur Fossil: Bone Tissue
Conodont Fossil: Keratin Tissue
Tube Worm: Chitin Casings

#### God and Time

God did the following in an instant:

- John 2:7-9 \_\_\_\_\_
- Mark 6:41-32\_\_\_\_\_
- Matthew 15:28 \_\_\_\_\_
- John 11:43-44 \_\_\_\_\_
- Mark 4:39-40

Comprise Creates \_\_\_\_\_

- Genesis 3:17-18 \_\_\_\_\_

Thorns
Genesis Conflict
If evolution is true, it is a cruel process
- Genesis 2:16-17
- I Corinthians 15:21-22; 25-26
The Good News:
- Romans 3:23
- Romans 6:23
- John 3:16
· · · · · · · · · · · · · · · · · · ·
Summary
1. God does not require
2. Soft tissues
2. 5012 (155405)
2 Compromising Conosis loads
3. Compromising Genesis leads

## **3. Evolution's Extinction Engine:** *Part 1 – DNA*

If you have ever wondered exactly how the Neo-Darwinian Theory of evolution can transform a bacterium into a basketball player, you're not alone! We will examine the heart of the theory and compare its lofty goals to what is actually observed. Does nature alone possess the ability to move life in an upward direction - from the simple to the complex? Let's ask the critical questions and find out!

Intro	
DNA	
- Psalm 139:14	
How to build an airplane	
- Manuals	

+ 🔏 +

Tools

The Entire Manual

**Evolution's Extinction Engine** 



#### **Critical thinking:**

Could these manuals write themselves?

Could they write themselves if they had 13.8 billion years to do it?

Does it make it easier to believe if the manual is DNA?

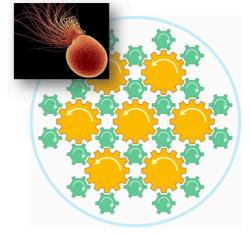
Languages, codes, and manuals always come from a mind. Can you think of any exceptions?

## 4. Evolution's Extinction Engine: Part 2 – Single Cell

Did you know that the lowly, single celled bacterium called MO-1 has 6 million individual parts? Did you also know that a 747 jumbo jet also consists of 6 million parts? No one would ever think that a jumbo jet could not only assemble itself but also write its own instruction manual on how to build it piece by piece. Yet, this is precisely what you must believe about the bacterium when subscribing to evolutionary theory! Let's examine evolution's engine that is supposed to make this happen and discover a few reasons why it could never happen.

Intro

#### Single Cell vs 747 Jumbo Jet



#### **Intelligence Behind Design**

- Psalm 139:14 \_\_\_\_\_

DNA is a set of manuals:

1	1	
2.	2	
3.	3	
4.		

- Elisabeth Vrba, Yale Paleontologist

#### **Evolution = Change over Time**

- Genesis 1:11-24 \_\_\_\_\_

#### **DNA Facts**

How often do cells replicate?

How often do errors accumulate?

How long would we survive without DNA error correction?

#### **Critical Thinking**

Why do copy mistakes happen if God said "it is all very good" at creation?

- Colossians 1:17

- Psalm 139:14 \_\_\_\_\_

## 5. Evolution's Extinction Engine: Part 3 – 4-Dimensional Genome

We continue our discussion of the neo-Darwinian theory of evolution by examining four dimensions of DNA. Discover how the genetic code is read, how the cell efficiently uses the code, DNA folding, and dynamic reprogramming! With each dimension exhibiting exquisite trademarks of intelligent design, the plausibility of macro-evolution becomes increasingly improbable.

Intro	
4-Dimensional Genome	
A	
T	Base pairs Adenine Thymine
G	Guanine Cytosine
C	Sugar phosphate backbone
	U.S. National Library of Medicine

#### 1. Read Sequentially

Codes

ATTTAGGGGACCACCCTACCCTATGGTCT - Daniel 5:25 \_\_\_\_\_ - CGT – Arginine \_\_\_\_\_ 2. Alternative Splicing **3. DNA Folding** - Clodagh O'Shea \_\_\_\_\_

#### 4. Reprogramming

	- Francis Crick
<u>.</u>	
Science	e does not lead to a disbelief in God,
Dealm	120.14
PSalli	139:14

## 6. Evolution's Extinction Engine: Part 4 – Energy

Ever wonder what each of our cells use for energy? The answer is ATP! In fact, every living organism uses this molecule to fuel the millions and trillions of processes taking place within them at any given time. In this session, we examine cellular energy and how it is created with unbelievably tiny bio-motors. Is it possible that these motors, and the entire processes surrounding them, could assemble themselves over time by a mindless, random, accidental process? Or are they the result of an intelligent mind Who not only designed them, but encoded their instructions within the DNA of all living things?

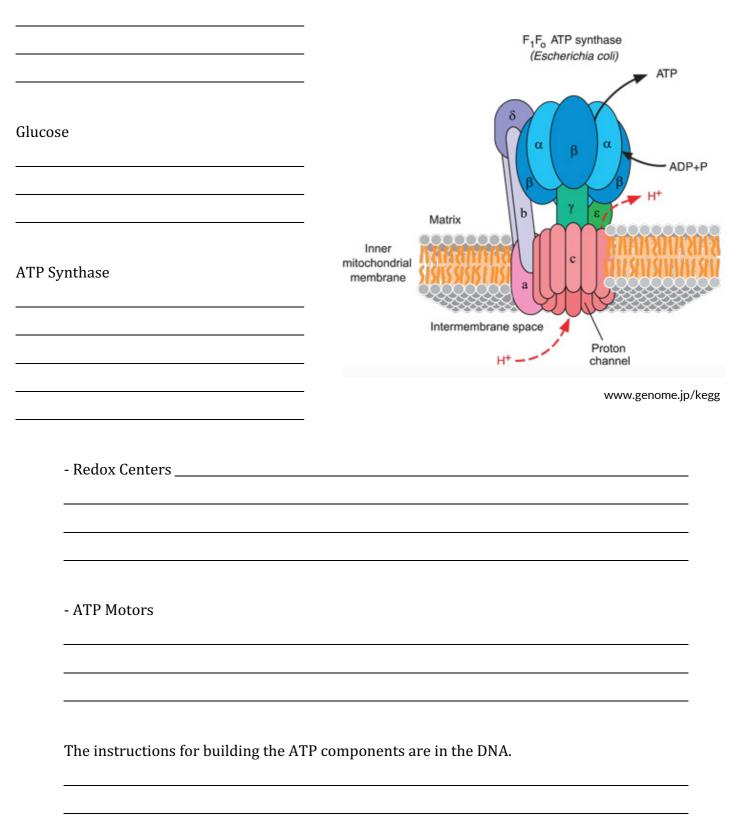
Intro

#### Energy

Energy is the ability to bring about change or to do work.

#### **No Free Lunches**

#### The Fuel of Life



#### In evolution, which came first?



Psalm 139:14

## 7. Evolution's Extinction Engine: *Part 5 – Cells*

A biological cell has many of the same traits as a physical city. Energy production, waste management, communication systems, factories, workers, and more. No one would believe that a city, even a small one, could spontaneously arise through random, chance processes. Yet we are taught that cellular cities somehow came into existence through nature alone. In this session we will examine a few of the impossible odds associated with these cellular cities arising from chance.

Intro		
Hebrews 11:10		
Building a City		
DNA	Vesicles / Kinesin	
Microtubules	Nerve Cells	

Ribosomes	Cytoskeleton	
Lysosomes	Cell Nucleus	
Golgi Apparatus	T-Lymphocytes	
Mitochondria	Hormones	
Matthew 5:14		
Each cell has	proteins with trillions of objects!	
What are the odds a city can create itself?		

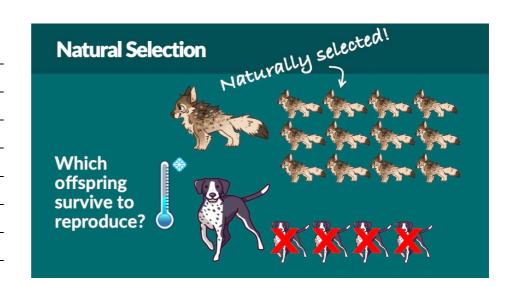
S.E.T.I.	
Isaiah 45:18	
In the beginning	
Psalm 139:14	

### 8. Evolution's Extinction Engine: Part 6 – Natural Selection

Natural selection is supposed to play a large role in Neo-Darwinian evolution. But is it really equipped to help a bacterium to evolve into a basketball player over eons of time? Let's explore the concept of natural selection, what we actually observe, and if it is up to this incredible task.

Intro - Recap

#### **Natural Selection's Role**



#### 1. Natural Selection is all about \_\_\_\_\_\_

2. Started and	
3. Information was lost due	
4. Evolution requires the	
5. Natural Selection removes	
Matthew 19:12	
Eunuch	
Born that way	
Made that way	
Chose that way	
Popular Natural Selection Examples	

Intelligent Design

Who is the Grand Designer?

II Peter 3:3-6

Psalm 139:14

## 9. Extreme Extinction Event! Part 1 - Fossils

Do you know how many fossils there are in the rock layers around the globe? Some scientists say trillions, others say quadrillions. A quadrillion is a 1 followed by 15 zeros - that is a lot of fossils! Scientists also tell us that fossilization is a very rare event. This begs the question as to why are there so many. We will explore fossilization, and look to Scripture to see if there is a Biblical starting point for how this massive graveyard should be viewed.

\_\_\_\_\_

Intro

Prehistoric

#### **Critical Thinking**

In order to have historical records, you first \_\_\_\_\_

"Pre-history" would \_\_\_\_\_

Did Adam have	 ?

#### "Prehistoric" is not scriptural

Genesis 1:28
Conosis 2.16.17
Genesis 2:16-17

#### Fossilization

Mass Extinction Events?

Making Fossils

How long does it take to make a fossil?

Does everything fossilize?

If fossilization is a rare process, \_\_\_\_\_

Genesis 7

## **10. Extreme Extinction Event!** *Part 2 – Rapid Burial*

Sedimentary rock is where the action is! At least if you are interested in fossils. All sedimentary rock began as mud. But did those fossil-bearing sediments take hundreds of millions of years to accumulate? That's one interpretation. But it fails to explain how trillions of living organisms came to be fossils while waiting patiently to be buried over millions of years - without decaying away or being scavenged. Common sense points to rapid burial. Interpreting the sediments through a Biblical lens has amazing explanatory power.

Genesis 7:21

Intro

Redwall Limestone - Nautiloids

**Critical Thinking** 

Sedimentary Layers

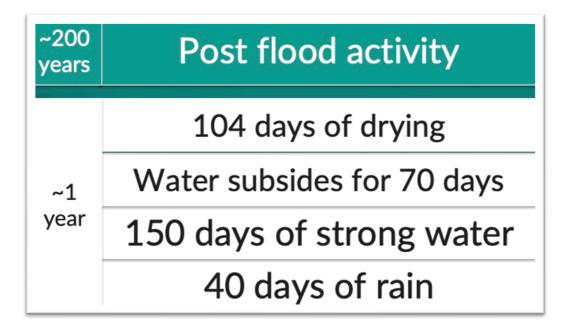
#### Unconformities

Genesis 7:22

Genesis 7:23

Genesis 7:24

#### **Biblical Flood Model**



**Rapid Deposition** 

## **11. Extreme Extinction Event!** *Part 3 – Water Everywhere*

The Genesis account of the global flood clearly states that all of the high mountains were covered with water. Have you ever wondered where all of the water came from? Meteorologists inform us that today's atmosphere can hold enough water to cover the earth to a depth of 1 inch. Obviously, atmospheric water vapor could not be the sole water source for a global flood. We will explore one theory that has the explanatory scope that not only provides the water, but helps to explain the megasequences of sediments on the continents.

Intro			
What	t Does it Matter?		
	There really was a		
	The entire universe is		
	2,000 years from	to	
	2,000 years from	to	
	2,000 years from	to	
	Rock layers cannot represent		
	The global flood better		

Sedimentary Rock Layers

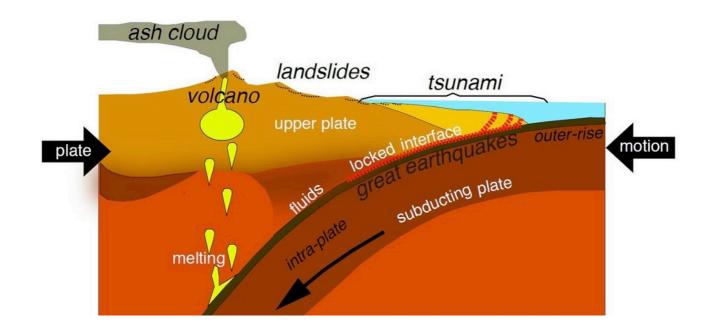
Genesis 7:11

#### Where did the water come from?

Average elevation of exposed land \_\_\_\_\_

Average depth of oceans	
0 1	

Genesis 7:10\_\_\_\_\_



### **Evidence of rapid subduction?**

Psalm 104:6-8

Geologic Column

Fining Upward Sequences and Megasequences

### Summary

2 Peter 3:3\_\_\_\_\_

# **12. Extreme Extinction Event!** *Part 4 - Noah's Ark*

There are millions of species of living organisms alive today. Given such a large number, have you wondered how Noah would have been able fit so many living things on the ark? The Bible gives us the ark's size, but what about the number of living animals and the average size of those creatures? How does the math work out? In this session, we will look at the clues from Scripture to see how this might have been possible.

Intro	
- Genesis 6:20	
Noah's Ark	
How did the animals fit on the Ark? 1	
2	

- Genesis 7:15

- Genesis 7:22

- Genesis 6:19-20

\_\_\_\_\_

Kinds

Number of animals

Genus / Family

**Modern Species** 

Ark Dimensions



© Answers in Genesis

More than enough room?

Number of animals \_\_\_\_\_

The Ark could hold \_\_\_\_\_\_

### What happened to the dinosaurs?

Extinction theories:

Meteorite \_\_\_\_\_

Food \_\_\_\_\_\_

Toxic volcanic \_\_\_\_\_

Other weird theories

- Genesis 6:5

God judges the wicked and \_\_\_\_\_

# **13. Rewinding the Clock!**

Is the universe young or old? How would we know either way? Does it really matter? The current accepted age of the universe among many scientists is calculated to be 13.8 billion years (+/- 100my). While other scientists concur that the universe is much younger and cannot be older than 6,000 years (+/- 200y). In this session we will review both ages, how they were derived, underlying assumptions, and look closely at Genesis to see what God has recorded that may shed light on each approach. Ultimately, it becomes an important question as there are implications to the gospel itself depending on which path is taken.

Intro

### Calculating the age of the universe

### Methods for calculating the age of the universe

1. Hubble Constant
--------------------

2. Cosmic Microwave Background \_\_\_\_\_

4. The Bible\_\_\_\_\_

Is the universe old?

- Job 9:8 \_\_\_\_\_

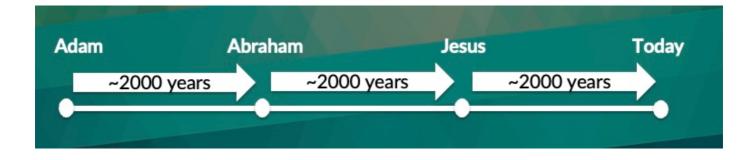
### **Hubble Constant**





### Cosmic Microwave Background \_\_\_\_\_

### Scientific Evidence for a Young Universe



- Genesis 5:3 _			

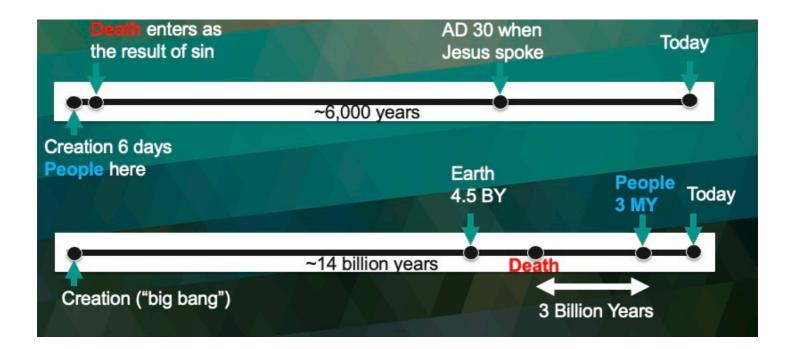
Adam to Shem	Shem to Abraham	Abraham to Jacob	Exodus of Israel	
Gen 5 🔛	Gen 11 🗾	Gen 21;25;47	🗩 📥 Ex 12	
Birth of Chi	rist 🧲 Exile	Judges	🗖 1 Kings 6 🦊	
Exile to Christ 580 years +/- 50 years Judges to Exile 345 years Solomon +/- 25 years				
Today				

- Exodus 20:11

Why is the age of the universe important?

- II Corinthians 10:4-5

- Mark 10:6



- I Corinthians 15:21-22

It is a difficult scientific question.

### The universe is mature.

- Genesis 1:1

- Genesis 1:27

- Genesis 1:14; 16b

- Genesis 1:9

$\rightarrow$ Supernatural
$\rightarrow$ Supernatural
$\rightarrow$ Supernatural
$\rightarrow$ Supernatural

No dating method will be accurate that does not take this into account!

- Genesis 1:11

- Isaiah 40:22

- Colossians 1:15-17

### Conclusion

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