Science and the Bible

The Bible is not a science book, yet it is scientifically accurate. There doesn't appear to be *any* scientific evidence that contradicts the Bible. The statements on this page that are consistent with known scientific facts. Many of them were listed in the Bible hundreds or even thousands of years before being recorded elsewhere. Many concepts and notes on this page are adapted from ideas and statements that appear in *The DEFENDER'S Study Bible* and Ray Comfort's Book, *Scientific facts in the Bible*.

First Law of Thermodynamics

Genesis 2:1

"Thus the heavens and the earth were finished, and all the host of them."

"finished" is a past definite tense, action completed, never to occur again. The First Law of Thermodynamics says that neither matter nor energy can be created or destroyed. Sir Fred Hoyle believed that at points in the universe called "irtrons", matter (or energy) was constantly being created

The Ark and Ship Dimensions

Gen 6

Gen 30:5

¹⁵ This is how you are to make it: the length of the ark 300 cubits, its breadth 50 cubits, and its height 30 cubits. ¹⁶ Make a roof for the ark, and finish it to a cubit above, and set the door of the ark in its side. Make it with lower, second, and third decks.

Noah's Ark was the focus of a major 1993 scientific study headed by Dr. Seon Hong at the world-class ship research center KRISO, based in Daejeon, South Korea. Dr. Hong's team compared twelve hulls of different proportions to discover which design was most practical. No hull shape was found to significantly outperform the 4,300-year-old biblical design. In fact, the Ark's careful balance is easily lost if the proportions are modified, rendering the vessel either unstable, prone to fracture, or dangerously uncomfortable. The study also confirmed that the Ark could handle waves as high as 100 ft (30 m).

In 1609, at Hoorn in Holland, a ship was built after the same pattern, revolutionizing ship building. By 1900 every large ship on the high seas was inclined toward proportions of the ark.

Earth's Rotation

Job 38:12, 14

¹² "Have you commanded the morning since your days began, and caused the dawn to know its place,

¹⁴ It is changed like clay under the seal, and its features stand out like a garment.

For ages, scientists believed in a geocentric view of the universe. The differences between night and day were believed to be caused by the sun revolving around the earth. Today, we know that the earth's rotation on its axis is responsible for the sun's rising and setting.

The Hebrew word for "take on form" means "to turn" and alludes to the rolling cylindrical seal used to stamp an impression on clay – an accurate analogy of the earth's rotation.

Dinosaurs

Job 40:15-24

- ¹⁵ "Behold, Behemoth, which I made as I made you; he eats grass like an ox.
- ¹⁶ Behold, his strength in his loins, and his power in the muscles of his belly.
- ¹⁷He makes his tail stiff like a cedar; the sinews of his thighs are knit together.
- ¹⁸ His bones are tubes of bronze, his limbs like bars of iron.
- ¹⁹ "He is the first of the works of God; let him who made him bring near his sword!
- ²⁰ For the mountains yield food for him where all the wild beasts play.
- ²¹ Under the lotus plants he lies, in the shelter of the reeds and in the marsh.
- ²² For his shade the lotus trees cover him; the willows of the brook surround him.
- ²³Behold, if the river is turbulent he is not frightened; he is confident though Jordan rushes against his mouth.
- ²⁴Can one take him by his eyes, or pierce his nose with a snare?

Why did dinosaurs disappear? God speaks of a "behemoth". v19 - It is a prime example of God's handiwork, and only its Creator can threaten it. Possibly God caused their extinction.

The Human Immune System

Gen 17:12

¹² He who is eight days old among you shall be circumcised. Every male throughout your generations, whether born in your house or bought with your money from any foreigner who is not of your offspring,

The Bible instructs babies be circumcised on the eighth day. Medical science has now discovered that this is the day that the coagulating factor in the blood, called prothrombin, is at its highest. Scientists also discovered this is when the body's immune system is at its highest.

Genesis and the Universe

Genesis 1:1,2

¹ In the beginning, God created the heavens and the earth. ² The earth was without form and void, and darkness was over the face of the deep. And the Spirit of God was hovering over the face of the waters.

Science expresses the universe in five terms: time, space, matter, power and motion. Genesis reveals perfectly these truths to the Hebrews in 1450 BC. "In the beginning [time] God created [power] the heavens [space] and the earth [matter]... And the spirit of God was hovering [motion] over the face of the waters." The first thing God tells man is that He controls all aspects of the universe

The Bible and Plant Life

Gen 1:3, 6, 9, 11

- ³ And God said, "Let there be light," and there was light.
- ⁶ And God said, "Let there be an expanse[a] in the midst of the waters, and let it separate the waters from the waters."
- ⁹ And God said, "Let the waters under the heavens be gathered together into one place, and let the dry land appear." And it was so.
- ¹¹ And God said, "Let the earth sprout vegetation, plants[e] yielding seed, and fruit trees bearing fruit in which is their seed, each according to its kind, on the earth." And it was so.

Plants need sunlight, water, and minerals in order to grow. Chronological order of Genesis creation: God created first light [v.1:3]. He then created water [v.6], then soil [v.9], and then He created plant life [v.11]

Prophecy

Rise and Fall of the Roman and Greek Empire

Daniel 2:39, 40

- ³⁹ Another kingdom inferior to you shall arise after you, and yet a third kingdom of bronze, which shall rule over all the earth.
- ⁴⁰ And there shall be a fourth kingdom, strong as iron, because iron breaks to pieces and shatters all things. And like iron that crushes, it shall break and crush all these.

The Destruction of Tyre and Sidon

Zechariah 9:3-4

³ Tyre has built herself a rampart and heaped up silver like dust, and fine gold like the mud of the streets.⁴ But behold, the Lord will strip her of her possessions and strike down her power on the sea, and she shall be devoured by fire.

¹²They will plunder your riches and loot your merchandise. They will break down your walls and destroy your pleasant houses. Your stones and timber and soil they will cast into the midst of the waters.

Alexander the Great lay siege to the city for seven months. King Nebuchadnezzar of Babylon had failed in his 13-year attempt to capture the seacoast city and completely destroy its inhabitants.

During the siege of 573 BC, much of the population of Tyre moved to iits new island home approximately half a mile off the coast. Here it remained surrounded by walls as high as 150 feet until judgement fell in 332 BC with the arrival of Alexander the Great. In the seven month siege, he fulfilled the remaining prophecies concerning Tyre, killing 8,000 inhabitants and selling 30,00 into slavery.

Isaiah 23

Destruction of the Temple and Jerusalem

Luke 21:20-24

Jesus Foretells Destruction of Jerusalem

²⁰ "But when you see Jerusalem surrounded by armies, then know that its desolation has come near. 21 Then let those who are in Judea flee to the mountains, and let those who are inside the city depart, and let not those who are out in the country enter it, ²² for these are days of vengeance, to fulfill all that is written. ²³ Alas for women who are pregnant and for those who are nursing infants in those days! For there will be great distress upon the earth and wrath against this people. ²⁴ They will fall by the edge of the sword and be led captive among all nations, and Jerusalem will be trampled underfoot by the Gentiles, until the times of the Gentiles are fulfilled.

In AD 70, not only was Jerusalem destroyed by Titus, the future emperor of Rome, but another prediction of Jesus Christ came to pass – the destruction of the Temple in Jerusalem

Matthew 24:1-2

Jesus Foretells Destruction of the Temple

¹ Jesus left the temple and was going away, when his disciples came to point out to him the buildings of the temple. ² But he answered them, "You see all these, do you not? Truly, I say to you, there will not be left here one stone upon another that will not be thrown down."

Middle East Conflict

Genesis 16:12

¹²He shall be a wild donkey of a man, his hand against everyone and everyone's hand against him, and he shall dwell over against all his kinsmen."

MacArthur - 16:12 a wild man . . . against every man. The untameable desert onager (wild donkey) best described the fiercely aggressive and independent nature Ishmael would exhibit, along with his Arabic descendants.

In Genesis, God said that Ishmael (progenitor of the Arab race) shall dwell in the presence of all his brethren. The Arabs and the Jews are "brethren" having Abraham as their ancestor. Middle East conflict is due to "dwelling together"

Messianic Prophecies

a. Micah 5:2 - Born in Bethlehem

² But you, O Bethlehem Ephrathah, who are too little to be among the clans of Judah, from you shall come forth for me one who is to be ruler in Israel, whose coming forth is from of old, from ancient days. [Ephrathah – ancient name of Bethlehem]

b. Isaih 7:14 - born to a virgin

¹⁴ Therefore the Lord himself will give you a sign. Behold, the virgin shall conceive and bear a son, and shall call his name Immanuel.

c. Zechariah 11:12-13 – betrayed for 30 pieces of silver

¹² Then I said to them, "If it seems good to you, give me my wages; but if not, keep them." And they weighed out as my wages thirty pieces of silver. ¹³ Then the Lord said to me, "Throw it to the potter"—the lordly price at which I was priced by them. So I took the thirty pieces of silver and threw them into the house of the Lord, to the potter.

- d. Psalm 22:1, 7, 8, 15, 18, 22 die by crucifixion
 - ¹ My God, my God, why have you forsaken me? Why are you so far from saving me, from the words of my groaning?
 - ⁷ All who see me mock me; they make mouths at me; they wag their heads; ⁸ "He trusts in the Lord; let him deliver him; let him rescue him, for he delights in him!"
 - ¹⁵ my strength is dried up like a potsherd, and my tongue sticks to my jaws; you lay me in the dust of death.
 - ¹⁸ they divide my garments among them, and for my clothing they cast lots.
 - ²² I will tell of your name to my brothers; in the midst of the congregation I will praise you:
- e. Isaiah 53.9 buried in a rich man's tomb
 - ⁹ And they made his grave with the wicked and with a rich man in his death, although he had done no violence, and there was no deceit in his mouth.

Birth of a Nation

Isaiah 66.8

⁸ Who has heard such a thing? Who has seen such things? Shall a land be born in one day? Shall a nation be brought forth in one moment? For as soon as Zion was in labor she brought forth her children.

More than 25 prophecies fulfilled concerning Palestine. 1922 – League of Nations gave Great Britain the mandate (political authority) over Palestine. May 14, 1948 – Britain withdraw her mandate and the nation of Israel was "born in a day"

False Teachers

2 Peter 2:1-3

¹But false prophets also arose among the people, just as there will be false teachers among you, who will secretly bring in destructive heresies, even denying the Master who bought them, bringing upon themselves swift destruction. ²And many will follow their sensuality, and because of them the way of truth will be blasphemed. ³And in their greed they will exploit you with false words. Their condemnation from long ago is not idle, and their destruction is not asleep.

2 Peter 3:1-7

¹ This is now the second letter that I am writing to you, beloved. In both of them I am stirring up your sincere mind by way of reminder, ² that you should remember the predictions of the holy prophets and the commandment of the Lord and Savior through your apostles, ³ knowing this first of all, that scoffers will come in the last days with scoffing, following their own sinful desires. ⁴ They will say, "Where is the promise of his coming? For ever since the fathers fell asleep, all things are continuing as they were from the beginning of creation." ⁵ For they deliberately overlook this fact, that the heavens existed long ago, and the earth was formed out of water and through water by the word of God, ⁶ and that by means of these the world that then existed was deluged with water and perished. ¹ But by the same word the heavens and earth that now exist are stored up for fire, being kept until the day of judgment and destruction of the ungodly.

Russia's Attack of Israel

Ezekiel 38

⁵ Persia, Cush, and Put are with them, all of them with shield and helmet; ⁶ Gomer and all his hordes; Beth-togarmah from the uttermost parts of the north with all his hordes—many peoples are with you.

⁷ "Be ready and keep ready, you and all your hosts that are assembled about you, and be a guard for them. ⁸ After many days you will be mustered. In the latter years you will go against the land that is restored from war, the land whose people were gathered from many peoples upon the mountains of Israel, which had been a continual waste. Its people were brought out from the peoples and now dwell securely, all of them.

¹⁰ "Thus says the Lord God: On that day, thoughts will come into your mind, and you will devise an evil scheme ¹¹ and say, 'I will go up against the land of unwalled villages. I will fall upon the quiet people who dwell securely, all of them dwelling without walls, and having no bars or gates,' ¹² to seize spoil and carry off plunder, to turn your hand against the waste places that are now inhabited, and the people who were gathered from the nations, who have acquired livestock and goods, who dwell at the center of the earth. ¹³ Sheba and Dedan and the merchants of Tarshish and all its leaders will say to you, 'Have you come to seize spoil? Have you assembled your hosts to carry off plunder, to carry away silver and gold, to take away livestock and goods, to seize great spoil?'

¹⁴ "Therefore, son of man, prophesy, and say to Gog, Thus says the Lord God: On that day when my people Israel are dwelling securely, will you not know it? ¹⁵ You will come from your place out of the uttermost parts of the north, you and many peoples with you, all of them riding on horses, a great host, a mighty army.

¹⁶ You will come up against my people Israel, like a cloud covering the land. In the latter days I will bring you against my land, that the nations may know me, when through you, O Gog, I vindicate my holiness before their eyes.

The prophecy in Ezekiel 38-39 describes a future invasion of Israel by a coalition of nations from the "north", led by Gog, the Prince of Rosh, Meshech, and Tubal. Some interpretations suggest that this prophecy is yet to be fulfilled, while others see it as having been partially fulfilled in the past, with Russia playing a significant role in the development of a Northern Confederacy of Nations.

Prince of Rosh (Russia) will combine with Iran, Libya (in Hebrew called "Put"), and Ethiopia (in Hebrew called "Cush" and attack Israel. This will take place after a successful peace initiative.

Armageddon

Joel 2:1-10

³ Fire devours before them, and behind them a flame burns. The land is like the garden of Eden before them, but behind them a desolate wilderness, and nothing escapes them.

Nuclear War

Ezekiel 39

¹² For seven months the house of Israel will be burying them, in order to cleanse the land. ¹³ All the people of the land will bury them, and it will bring them renown on the day that I show my glory, declares the Lord God. ¹⁴ They will set apart men to travel through the land regularly and bury those travelers remaining on the face of the land, so as to cleanse it. At the end of seven months they will make their search. ¹⁵ And when these travel through the land and anyone sees a human bone, then he shall set up a sign by it, till the buriers have buried it in the Valley of Hamon-gog.

After the Batlle of Armageddon, Ezekiel 39 describes what will happen

⁹ "Then those who dwell in the cities of Israel will go out and make fires of the weapons and burn them, shields and bucklers, bow and arrows, clubs[c] and spears; and they will make fires of them for seven years,

Joel 2:30

³⁰ "And I will show wonders in the heavens and on the earth, blood and fire and columns of smoke.

2 Peter 3:10

¹⁰ But the day of the Lord will come like a thief, and then the heavens will pass away with a roar, and the heavenly bodies will be burned up and dissolved, and the earth and the works that are done on it will be exposed.

Paleontology

Dinosaurs are referred to in several Bible books. The book of Job describes two dinosaurs. One is described in chapter 40 starting at verse 15, and the other in chapter 41 starting at verse 1. We think you will agree that 1½ chapters about dinosaurs is a lot—since most people do not even realize that they are mentioned in the Bible.

Earth transformed below by fire

Job 28:5

Paleontology

Job 40:15-24, 41:1

Some bibles and study bibles will translate the word "behemoth" as "elephant" or "hippopotamus." Others will put a note at the edge or bottom of the page, stating that behemoth was probably an elephant or a hippopotamus. Although an elephant or hippopotamus can eat grass (or lie in a covert of reeds and marsh), neither an elephant or a hippopotamus has a "tail like a cedar" (that is, a tail like a large, tapered tree trunk). In your kid's dinosaur book you will find lots of animals that have "tails like a cedar."

We would expect behemoth to be a large land animal whose bones are like beams of bronze and so forth, so whatever a behemoth is, it is large. A key phrase is "He is the first of the ways of God." This phrase in the original Hebrew implied that behemoth was the biggest animal created. Although an elephant or a hippopotamus are big, they are less than one-tenth the size of a Brachiosaurus, the largest (complete) dinosaur ever discovered.[1] A Brachiosaurus could therefore easily be described as "the first of the ways of God."

Astronomy

Stars

Jeremiah 33:22

²² As the host of heaven cannot be numbered and the sands of the sea cannot be measured, so I will multiply the offspring of David my servant, and the Levitical priests who minister to me."

When this was written, 2500 years ago, no one knew how vast the stars were, as fewer than 1,100 were visible to the naked eye. Now we know that there are billions of stars, and that they cannot be numbered.

1 Cor 15:41

⁴¹ There is one glory of the sun, and another glory of the moon, and another glory of the stars; for star differs from star in glory.

Each Star is unique. Even when viewed through a telescope, stars appear to be just points of light. However, close examination of their light spectra reveals that each is different from all others.

Sun's Circuit

Psalm 19:6

⁶ Its rising is from the end of the heavens, and its circuit to the end of them, and there is nothing hidden from its heat.

Critics of this verse claimed that it taught the doctrine of egocentricity (i.e. the sun revolves around the earth). Scientists at that time thought the sun was stationary. However, it has been discovered in recent years that the sun is in fact moving through space at approximately 600,000 miles/hour. It is traveling through the heavens and has a circuit just as the Bible says. Its circuit is so large that it would take about 200 million years to complete one orbit.

Expanding Universe Isaiah 40:22

²² It is he who sits above the circle of the earth, and its inhabitants are like grasshoppers; who stretches out the heavens like a curtain, and spreads them like a tent to dwell in;

At least 7 times in Scripture we are told that God "stretches out the heavens like a curtain". It wasn't until the 1920's that astronomers observed evidence that galaxies are moving away from each other, indicating the entire universe is expanding, or stretching out – a fact that the Bible spoke of thousands of years earlier

Revolving Earth

Luke 17:24

²⁴ For as the lightning flashes and lights up the sky from one side to the other, so will the Son of Man be in his day.

Scripture tells us that the Second Coming of Jesus Christ (which will happen at the speed of light – Luke 17:24 will occur while some sleep at night and others are working at daytime. This is a clear indication of a revolving earth, with day and night at the same time. Science didn't discover this until the 15th century.

Lights

Gen 1.14

¹⁴ And God said, "Let there be lights in the expanse of the heavens to separate the day from the night. And let them be for signs and for seasons, and for days and years,

A year is the time required for the earth to travel once around the sun. The seasons are cause by the changing position of the earth in relation to the sun. Science also tells us that a month is the time of one revolution of the moon around the earth with respect to the sun. 3500 years ago, Moses knew the "lights" of the sun and moon were the actual determining factors of the year's length.

The Bible frequently refers to the great number of stars in the heavens. Here are two examples. Genesis 22:17

¹⁷ I will surely bless you, and I will surely multiply your offspring as the stars of heaven and as the sand that is on the seashore. And your offspring shall possess the gate of his enemies,

Jeremiah 33:22

²² As the host of heaven cannot be numbered and the sands of the sea cannot be measured, so I will multiply the offspring of David my servant, and the Levitical priests who minister to me."

Even today, scientists admit that they do not know how many stars there are. Only about 3,000 can be seen with the naked eye. We have seen estimates of 10^{21} stars—which is a lot of stars. (The number of grains of sand on the earth's seashores is estimated to be 10^{25} . As scientists discover more stars, wouldn't it be interesting to discover that these two numbers match?)

Science then: Hipparchus (190BC - 120 BC): Only 1022 stars. Tolamy - 1026 stars

The Bible also says that each star is unique.

1 Corinthians 15:41

⁴¹There is one glory of the sun, and another glory of the moon, and another glory of the stars; for star differs from star in glory.

All stars look alike to the naked eye.* Even when seen through a telescope, they seem to be just points of light. However, analysis of their light spectra reveals that each is unique and different from all others.[1] (*Note: We understand that people can perceive some slight difference in color and apparent brightness when looking at stars with the naked eye, but we would not expect a person living in the first century A.D. to claim they differ from one another.) Science then thought are stars were the same

The Bible describes the precision of movement in the universe.

Jeremiah 31:35,36

³⁵ Thus says the Lord, who gives the sun for light by day and the fixed order of the moon and the stars for light by night, who stirs up the sea so that its waves roar— the Lord of hosts is his name: ³⁶ "If this fixed order departs from before me, declares the Lord, then shall the offspring of Israel cease from being a nation before me forever."

The Bible describes the suspension of the Earth in space.

Job 26:7

⁷ He stretches out the north over the void and hangs the earth on nothing.

Science then: Earth sat on Elephants, Elephants rest on a tortoise, tortoise rests on coiled serpent, serpent rests on a cosmic sea (Hindu). Egyptians: Earth on five pillars. Greeks: Earth on shoulders of Atlas. Isaac Newton first published the Universal Law of Gravitation in 1687. Science now: Free float of earth in space. There is a place in the North where no stars exist, which cannot be seen with the naked eye. How did the writer of Job know this? Also, the same verse declares that God hangs the earth on nothing. We know this is true, but we have only known it for about 350 years.

At the time when some believed that the earth sat on a large animal or a giant (1500BC), the bible spoke of the earth's free float in space. Science didn't discover that the earth hangs on nothing until 1650. Ray Comfort

Groups of Stars

Job 38:31

"Can you bind the chains of the Pleiades or loose the cords of Orion?

God is listing a whole bunch of things and essentially saying to Job, "I can do these things, can you?"

Fast forward a few thousand years, build the Hubble space Telescope, and find out that, at least with this one, God DID do what he said he could.

The Pleiades is what's known as a "bound" cluster, a group of stars moving in the same direction at the same speed such that in ten thousand years they'll look much the same as they do now.

Orion's belt however, is a "loose" cluster, stars that look close together from our vantage, but are moving in different directions at different speeds such that in ten thousand years Orion will need to straighten his belt even more than he currently does.

Meteorology

Bible describes the circulation of the atmosphere.

Ecclesiastes 1:6

Science now: wind blows in cyclones, science then thought wind blew straight

The Bible includes some principles of fluid dynamics.

Job 28:25

The fact that air has weight was proven scientifically only about 300 years ago. The relative weights of air and water are needed for the efficient functioning of the world's hydrologic cycle, which in turn sustains life on the earth.[1] (If you are a physics enthusiast, please ignore our omission of the terms mass, gravity, and density from this comment.) Science then thought air was weightless

Entropy

Isaiah 51:6 Psalm 102:25, 26 Hebrews 1:11

Second law of thermodynamics (The law of increasing entropy). All physical processes, every ordered system over time tends to become more disordered. Everything is running down and wearing out as energy is becoming less and less available for use. This wasn't discovered until recently, but the bible states it in concise terms

Biology

The book of Leviticus (written prior to 1400 BC) describes the value of blood.

Leviticus 17:11

The blood carries water and nourishment to every cell, maintains the body's temperature, and removes the waste material of the body's cells. The blood also carries oxygen from the lungs throughout the body. In 1616, William Harvey discovered that blood circulation is the key factor in physical life—confirming what the Bible revealed 3,000 years earlier.

Blood is the source of life and health. William Harvey, English Physician in 1615, blood circulates in the body. The blood carries water and nourishment to every cell, maintains the body's temperature, and removes the waste material of the body's cells. The blood also carries oxygen from the lungs throughout the body. In 1616, William Harvey discovered that blood circulation is the key factor in physical life—confirming what the Bible revealed 3,000 years earlier.

Science then thought sick people must be bled

The Bible describes biogenesis (the development of living organisms from other living organisms) and the stability of each kind of living organism.

Genesis 1:11.12

Genesis 1:21

Genesis 1:25

The phrase "according to its kind" occurs repeatedly, stressing the reproductive integrity of each kind of animal and plant. Today we know this occurs because all of these reproductive systems are programmed by their genetic codes.

The Bible describes the chemical nature of flesh.

Genesis 2:7

Genesis 3:19

It is a proven fact that a person's mental and spiritual health is strongly correlated with physical health. The Bible revealed this to us with these statements (and others) written by King Solomon about 950 BC.

Proverbs 12:4; 14:30; 15:30; 16:24; 17:22

Creation made of invisible elements

Hebrews 11:3

Science was ignorant of the subject in the past, now we understand atoms. Only in recent years has science discovered that everything we see is composed of things that we cannot see – invisible atoms. Hebrews 11:3 was written 2000 years ago. Ray Comfort

Quarantine to protect from disease

Lev 13:46

No knowledge of virus in the past

When dealing with disease, hands should be washed under running water

Leviticus 15:13

When dealing with disease, hands should be washed under running water. Wash between every examination. Science then, hands washed in still water

Jesus body at death

John 19:34

This verse shows that Jesus was dead for some time when He was pierced. Science now affirms that fact from this statement.

Anthropology

We have cave paintings and other evidence that people inhabited caves. The Bible also describes cave men.

Job 30:5,6

Note that these were not ape-men, but descendants of those who scattered from Babel. They were driven from the community by those tribes who competed successfully for the more desirable regions of the earth. Then for some reason they deteriorated mentally, physically, and spiritually.

Jerusalem and Jericho

Luke 10:30

Now, Jericho is northeast of Jerusalem, and normally we do not speak of going down when we refer to going north. We generally speak of going down south and up north. Why did the Lord say the man went down from Jerusalem? It is because Jerusalem is some 2,500 feet above sea level. When one leaves Jerusalem in Palestine he goes down to go anywhere in the area.



Hydrology

The bible includes reasonably complete descriptions of the hydrologic cycle.

Psalm 135:7

Jeremiah 10:13

In these verses you can see several phases of the hydrologic cycle—the worldwide processes of evaporation, translation aloft by atmospheric circulation, condensation with electrical discharges, and precipitation.

Job 36:27-29

This simple verse has remarkable scientific insight. The drops of water which eventually pour down as rain first become vapor and then condense to tiny liquid water droplets in the clouds. These finally coalesce into drops large enough to overcome the updrafts that suspend them in the air.

The Bible describes the recirculation of water.

Ecclesiastes 1:7 Isaiah 55:10

The Bible refers to the surprising amount of water that can be held as condensation in clouds.

Job 26:8

Job 37:11

"Draws up drops of water": evaporation

"Distill as rain to the streams": precipitation

"Clouds pour down their moisture": condensation

Mankind didn't come to understand about the water cycle until about 400 years ago, throughout the 1670s. And then only through extensive research and experimentation carried out by two French scientists, Pierre Perault and Edme Marriotte.

Think about it. Have you ever seen water rise from a lake to the sky? Would you look up at the sky, and interpret the clouds as gatherings of water having never been taught? It's impossible to look at a cloud and intuitively know they're made up of water or that rain specifically falls from clouds.

Hydrothermal vents are described in two books of the Bible written before 1400BC—more than 3,000 years before their discovery by science.

Genesis 7:11 Job 38:16

Science now knows that the ocean contains springs, science then thought the ocean was fed by rivers and rain

Ocean floor contains deep valleys and mountains

2 Samuel 22:16 Jonah 2:6

Ocean Currents

Psalm 8:8

The phrase "the paths of the seas" caused a man named Matthew Fontaine Maury (1806-1873) to begin a search which led to the discovery of ocean currents, the natural "paths of the seas" created by God. His vital book on currents is still in <u>print today</u>.

Geology

The Bible describes the Earth's crust (along with a comment on astronomy).

Jeremiah 31:37

Although some scientists claim that they have now measured the size of the universe, it is interesting to note that every human attempt to drill through the earth's crust to the plastic mantle beneath has, thus far, ended in failure.

The Bible described the shape of the earth centuries before people thought that the earth was spherical.

Isaiah 40:22

The word translated "circle" here is the Hebrew word *chuwg* which is also translated "circuit," or "compass" (depending on the context). That is, it indicates something spherical, rounded, or arched—not something that is flat or square.

The book of Isaiah was written sometime between 740 and 680 BC. This is at least 300 years before Aristotle suggested that the earth might be a sphere in this book *On the Heavens*. It was another 2000 years later that the scriptures inspired Columbus to sail around the world.

After publishing A Dialogue on the Two Principal Systems of the World, Galileo was summoned to Rome by Pope Paul V, where he was forced to renounce his findings. (At that time, "theologians" of the Roman Catholic Church maintained that the Earth was the center of the universe, and to assert otherwise was deemed heretical.)

We could not find any place in the Bible that claims that the Earth is flat, or that it is the center of the universe. History shows that this conflict, which took place at the time of the Inquisition, was part of a power struggle. As a result, scientific *and* biblical knowledge became casualties—an effect we still feel to this day.

1492: Columbus was warned that he will sail off the edge of the earth, proved earth is a sphere.

Colors of stones

Rev 21:19-20

Those stones, when pure light is shined through them, produce all the colors in the light spectrum, a rainbow, while other stones turn dark. God named these specific stones that each have that specific quality, while many other stones that people consider (more) valuable don't have that quality and aren't mentioned

https://www.youtube.com/watch?v=JhC6iPuh4XM

Physics

The Bible suggests the presence of nuclear processes like those we associate with nuclear weaponry. This is certainly not something that could have been explained in 67 AD using known scientific principles (when Peter wrote the following verse).

2 Peter 3:10

The television is a practical (if not always worthwhile device that uses electromagnetic waves (which transmit its video signal). The Bible contains passages that describe something like television—something that allows everyone on earth see a single event. (Note: such passages typically refer to the end of time. It may not be long before *all* of us learn *for sure* whether the Bible is true or not.)

Matthew 24:30 Revelation 11:9-11

Light moves

Job 38:19-20

Science then understood that light was fixed in place.

Radio Waves

Job 38:35

"Can you send forth lightnings, that they may go and say to you, 'Here we are'?". A Seemingly ludicrous statement – that light can be sent and then manifest itself in speech. Instant wireless communication with someone on the other side of the planet. British scientist James Clerk Maxwell 1864: electricity and light waves were two forms of the same thing.

Scientific Facts in the Bible

1. Science in the Bible

- I. Job 26.7 Earth's Free Float in Space
- II. Heb 11.3 Invisible Structure
- III. Isa 40.22 Earth is Round
- IV. Ps 8.8 Science of Oceanography
- V. Job 38.35 Radio Waves
- VI. Isa 51.6; Ps 102.25,26; Heb 1.11 Entropy
- VII. Eccl 1.7 Water Cycle
- VIII. Gen 2.1 First Law of Thermodynamics
- IX. Gen 6., Gen 30.5.3 Ship Dimensions
- X. Eccl 1.6 Meteorological Laws
- XI. The Bible and Science

2. The incredible Book of Job

- I. Book of Job 1520bc Filled with Scientific Facts
- II. Job 38.12, 14 Earth's Rotation
- III. Job 38.16 Springs of the Sea
- IV. Job 38.19 Way of Light
- V. Job 40.15-24 Dinosaurs

3. Medical Science and the Bible

- I. Lev 15.13 Laws of Hygiene
- II. Gen 17.12 The Immune System
- III. Prov 14.30; 16.24; 17.22 Correlation of Mind and Body
- IV. Lev 13.46 Laws of Quarantine

4. Science and Genesis

- I. Scientists admit Genesis is "close to the truth"
- II. The Bible speaks of a Specific Design
- III. Genesis 1.1,2 Genesis and the Universe
- IV. One Common Ancestor
- V. Universal Flood
- VI. Law of Probabilities Confirms Genesis
- VII. Genesis Explains the origin of the Sexes
- VIII. Matt 9.14 Genesis Differentiates Man from the Animals

5. Scientists and the Bible

- I. Scientists Who Believed the Bible
- II. Arthur H. Compton
- III. Sir Issac Newton
- IV. Joseph Lister
- V. Blaise Pascal
- VI. Sir Frederick Hershel
- VII. Albert Einstein
- VIII. James Simpson

6. Biology and the Bible

- I. Gen 1:3, 6, 9, 11 The Bible and Plant Life
- II. Lev 17.11 Bible Statements Consistent with Biology
- III. Gen 2.7, 1.11, 12, 1.21, 1.25 Biogenesis
- IV. "Natural Kinds" validate the Bible

7. 100% Accurate Prophecies

- I. Fulfilled Prophecies
 - a. Daniel 2.39, 40 Rise and Fall of Roman and Greek Empires
 - b. Zechariah 9.4 Destruction of Tyre
 - c. Ezekiel 26.12- Destruction of Tyre
 - d. Luke 21.20-24 Destruction of the Temple and Jerusalem
 - e. Matthew 24.1, 2 Destruction of the Temple
- II. Gen 16.12 The Bible's Prediction of the Middle East Conflict

- a. In Genesis, God said that Ishmael (progenitor of the Arab race) shall dwell in the presence of all his brethren
- b. The Arabs and the Jews are "brethren" having Abraham as their ancestor.
- c. Middle East conflict is due to "dwelling together"
- III. Messianic Prophecies
 - i. Micah 5.2 Born in Bethlehem
 - ii. Isaih 7.14 born to a virgin
 - iii. Zechariah 11.12, 13 betrayed for 30 pieces of silver
 - iv. Psalm 22 die by crucifixion
 - v. Isaiah 53.9 buried in a rich man's tomb
- IV. Isaiah 66.8 (700 bc) Birth of a Nation
 - a. More than 25 prophecies fulfilled concerning Palestine
 - b. 1922 League of Nations gave Great Britain the mandate (political authority) over Palestine
 - c. May 14, 1948 Britain withdraw her mandate and the nation of Israel was "born in a day"
- V. Signs of the Times Verify the Bible
- VI. Ezekiel 38 Russia's Attack of Israel
- VII. Joel 2.1-10 Armageddon
- VIII. Ezekiel 39 Nuclear War
- IX. The Book of Peter and Nuclear Weapons

8. Astronomy and the Bible

- I. Gen 1.14 The Bible and "Lights"
- II. Jeremiah 33.22 The Bible and Stars
- III. Luke 17.24 The Bible and the Revolving Earth
- IV. Psalm 19.6 The Bible and the Sun's Circuit
- V. Isaiah 40.22 The Bible and the Expanding Universe
- VI. Astronomy Confirms the Bible

9. Historical Figures and the Bible

- I. Sir Issac Newton Believed the Bible
- II. Samuel Morse Believed the Bible Num 23.23
- III. Theodore Roosevelt
- IV. Napoleon
- V. Patrick Henry
- VI. Andrew Jackson
- VII. William McKinley
- VIII. Woodrow Wilson
 - IX. Thomas Jefferson
 - X. Herbert Hoover
- XI. John Quincy Adams

- XII. Franklin D. Roosevelt
- XIII. Ulysses S. Grant
- XIV. Charles Dickens
- XV. Sir Winston Churchill
- XVI. John Adams
- XVII. Ronald Reagan
- XVIII. George Washington
 - XIX. Daniel Webster
 - XX. Noah Webster
 - XXI. Dwight Eisenhower
- XXII. Albert Schweitzer
- XXIII. Calvin Coolidge
- XXIV. Christopher Columbus
- XXV. General Robert E lee
- XXVI. Abraham Lincoln
- XXVII. Congress and the Bible

10. Archaeology and the Bible

- I. Archaeology and History Attest to the Bible
- II. Manuscript Evidence
- III. Corroborating Writings
- IV. The Dead Sea Scrolls Bear Out the Bible
- V. Dating the Manuscripts
- VI. Archaeological Dating
- VII. Significance of the Dating
- VIII. Modern Archaeology Confirms the Bible
 - IX. Archeological Discoveries and the Bible
 - X. Archaeology's Amazing Findings
- XI. Archaeology Corroborates the Bible
- XII. Archaeology Confirms the Hittite Empire
- XIII. Excavations Confirm the Bible

11. The Bible's Historical Accuracy

- I. Matt 24.2; Luke 21.6 History Attests to Scripture
- II. Historian Attests to the Account of Jesus
- III. The Bible's Harmony Attests to its Inspiration

12. Evolution and the Bible

- I. Philosophy Professor Convinced
- II. Evolution Fact or Fiction?
- III. The Evolution of Theory
- IV. The Religion of Evolution

- V. Never-Changing Bible, Ever-Changing Science
- VI. The Big Bang and Genesis
- VII. "Missing Link" still missing
- VIII. Carbon Dating and the Fossil Record
- IX. Evolution and Irreducible Complexity
- X. Evolution and the Earth's Population
- XI. The Bible and Blood
- XII. Fossil Evidence points to Genesis account

13. Science and Evolution

- I. Faith and Evidence
- II. The Mind of God
- III. The Bible Gives the Reason for Suffering
- IV. The Bible gives the Reason for Death