

Observational Science Compared To The Bible

(appropriate for mid-schoolers and older)

Michael R. Daily, December 2015

Other youth bible studies by Michael Daily available at: <http://gciweb.org/2011/04/youth-bible-study-materials-michael-r-daily/>

Reference #1, Chuck Missler, *Technology & The Bible*, video DVD, Koinonia House Ministries, 2008

Reference #2: Ken Ham & Bodie Hodge, *How Do We Know The Bible Is True?*, Vol. 1, Master Books, 2011

(pages 1 to 8 of this study can also be used as a handout for students to take home with them)

John 3:12

If I told you earthly things and you do not believe, how will you believe if I tell you heavenly things?

If the Bible is the Word of God we would expect it to have supernatural insight into the physical world before its time. We find this to be true in the area of observational science (including engineering). Observational science is the study of physical processes that we can observe and measure while they are happening and includes things like experimental data and the ability to repeat an experiment and get the same result someone else did. We Christians love observational science and we have no problem with it – we like it. But there is another part of science. Philosophical science - which includes dogma or ideology (strongly held beliefs) and is usually presented in the form of assertions. The word “assertion” means “to strongly insist” that something is true. When a scientist makes an assertion he is saying, “*I have no data, I have no observational evidence, I have no repeatable experimental results to show you, nevertheless I strongly insist that the following statement must be true*”. This is philosophy. We Christians reject philosophy in all its forms (**Colossians 2:8-9**).

Colossians 2:8-9

See to it that no one takes you captive through philosophy and empty deception, according to the tradition of men, according to the elementary principles of the world, rather than according to Christ. ⁹ For in Him all the fullness of Deity dwells in bodily form,

Philosophical science includes speculative ideas about things which may have happened in the past and cannot be observed happening in the present such as the beginning of the universe or ideas such as evolution. Unfortunately, the scientific community intermixes observational science and philosophical science together and tries to present all of it together as “real science”. As a result, creation scientists spend most of their time trying to show people which parts of science are which. This is not easy. For example, Darwin’s discovery of natural selection is part of observational science, but Darwinian evolution is not. However, they both are referred to today as evolution (one is microevolution, the other macroevolution). So, an evolutionist might point to the observational evidence supporting natural selection and, in the same breath, assert that this is evidence supporting Darwinian evolution without missing a beat. The creation scientist then has to help people understand what natural selection really is and show why the evidence for natural selection demonstrates that natural selection is true but that the same evidence does not prove that Darwinian evolution is true. The Bible says nothing that conflicts with natural selection but it says a lot that conflicts with Darwinian evolution! As a result, a critical skill that we must all develop is the ability to listen to what a scientist presents and separate out the observational pieces from the philosophical pieces. We then accept the observational pieces, reject the philosophical pieces, and fill in the blanks with what the Bible has to say. Remember that the Bible has final authority over all things, including science. When the two conflict, the Bible is right and the science is in error.

For a detailed study on evolution please see the study titled, “Darwin Was Right! ... And Wrong” located at:

<http://gciweb.org/2011/04/youth-bible-study-materials-michael-r-daily/>

Archeology

On numerous occasions many details of the Bible were thought to be made up, incorrect, or a result of legend because no archeological evidence supporting them had been found. Later, archeological evidence was found demonstrating that these Biblical details were true. This is why the Bible is our ultimate authority, even over issues of science. When the Bible and science disagree the Bible has always been shown, ultimately, to be correct. Although there are too many instances of this happening to review here, we will look at a few.

The Roman Census of Augustus

It was thought that a Roman emperor would never issue an order for a census where people were told to go back to their original city and register as recorded in **Luke chapter 2**. However, such a decree was discovered in Egypt. In 104 AD the Prefect Gaius Vibius Maximus ordered all those in his area to return to their own homes for the purpose of a census. (ref #2, page 42)

Pontius Pilate

Other than the Bible there was no evidence that Pontius Pilate was a real historical person until the late 1950's. However, at that time a stone tablet was found identifying Pontius Pilate as the Prefect of Judea during the time of Tiberius. In addition a bronze coin minted by Pontius Pilate in the 17th year of Tiberius is now on display at the British Museum in London. (ref #2, page 42)

King David

It was thought that King David was not a real person but inscriptions supporting the dynasty of King David were found in 1993 at Tel Dan, Israel that refer to an incident also recorded in **II Kings 13:1-25**. (ref #2, page 31)

King Sargon of Assyria

It was thought that King Sargon, mentioned in **Isaiah 20:1**, was not a real person since no other reference to him had been found outside the Bible. But in 1843 Paul-Emil Botta uncovered the ancient city of Khorsabad and its references to King Sargon, now one of the best known ancient kings of Assyria. (ref #2, page 31)

King Belshazzar

King Belshazzar, of the book of Daniel, was not thought to be a real person until J.E. Taylor uncovered some inscriptions in 1854 that were written by Belshazzar's father, King Nabonidus of Babylon referring to his son by name. (ref #2, page 32)

Jericho

Results from the excavation of Jericho are consistent with the Biblical account of the walls falling as described in the book of Joshua (ref #2 page 18).

Five Cities of the Plain

The five cities of the plain described in **Genesis 14:2** (Sodom, Gomorrah, Admah, Zeboiim, and Bela) were once thought to be mythical but are mentioned in other ancient documents as cities that were part of ancient trade routes (ref #2, page 19).

Donald J. Wiseman, professor emeritus of Assyriology, University of London, claimed that archaeology, *"correctly understood, always confirms the accuracy of the Bible."* (ref #2, page 34)

Compare This To Other Religions

The Book of Mormon contains accounts of Jesus' visit to the Indians of North America. However, not a single artifact has been found to support this even though archaeologists have investigated many of the sites mentioned in the Book of Mormon. In addition the book of Mormon references a number of animals that are known to have not existed in North America during the timeframe stated in the Book of Mormon.

Cosmology

For a detailed study on this topic please see the study titled, "Starlight and the God of the Universe" located at: <http://gciweb.org/2011/04/youth-bible-study-materials-michael-r-daily/>

Fabric of Spacetime

The Bible revealed many aspects of the universe that were otherwise unknown at the time of its writing. For example in numerous places the Bible describes the stretching of the heavens (space) as if it were a stretchy fabric. During the 20th century Albert Einstein's equations of Special and General Relativity showed mathematically that Space and Time interact together and behave as a "stretchy fabric" that is now referred to as the "fabric of Spacetime" by the scientific community.

Isaiah 45:12

"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.

Round Earth

The Bible also specified that the Earth was round and was suspended in empty space. As you read the verses that follow keep in mind that the book of Job is one of the oldest books of the Bible written more than a 1,000 years before the Greek mathematician Eratosthenes demonstrated that the earth was indeed a sphere (circa 240 BC). At the time of Job most of the world believed the Earth was either a flat triangle or a flat disc.

Job 26:7

He stretches out the north over empty space and hangs the earth on nothing.

If you lived in the ancient world of Job and someone walked up to you and said that the Earth hangs or is supported by nothing what would you think? That would not even make sense. Imagine how heavy the Earth must be! How could it be supported by nothing? Remember, until recently people could not fly to the Moon and look back at the Earth. If they could they would have seen that the Earth is round and hangs on nothing – just as God said thousands of years before science figured it out.

Job 26:10

“He has inscribed a circle on the surface of the waters At the boundary of light and darkness.

(Proverbs 8:27) (the personification of Wisdom is speaking)

When He established the heavens, I was there, When He inscribed a circle on the face of the deep,

(Isaiah 40:22)

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 out like a tent to dwell in.

Also when Jesus speaks of the Rapture in Luke He makes it clear that at the instant it happens it will be day in some parts of the world and night in other parts simultaneously. Geometrically speaking, this could only occur if the Earth was spherical in shape (because we know that locations on the Earth all experience both night and day and that the transition between the two is smooth and continuous ruling out other shapes such as cubic).

Luke 17:30-35

It will be just the same on the day that the Son of Man is revealed. 31 On that day, the one who is on the housetop and whose goods are in the house must not go down to take them out; and likewise the one who is in the field must not turn back. 32 Remember Lot's wife. 33 Whoever seeks to keep his life will lose it, and whoever loses his life will preserve it. 34 I tell you, on that night there will be two in one bed; one will be taken and the other will be left. 35 There will be two women grinding at the same place; one will be taken and the other will be left.

Compare These Things To Other Religions:

- 1) **Hindu:** Hindu scriptures describe the Moon as being farther away from the Earth than the Sun is! The Earth is described as being flat and triangular, structured in seven stories, each of which is inhabited and has its own ocean. In addition, planet Earth sits on the backs of four elephants that stand on the back of a turtle swimming in a sea of milk!
- 2) **Buddhist:** Buddhist scriptures describe the Earth as flat. The Sun is made of a core of gold surrounded by a shell of crystal (its not the thermonuclear reactor observational science says it is)! The Moon is constructed of silver and jewels (not the pervasive grey powder that covered the Apollo astronauts and their equipment). Eclipses are caused by an evil being who swallows the Sun and Moon and releases them when ordered to do so by Buddha. Earth is said to have a mountain at its center called Mount Meru. Buddhist scriptures describe this mountain as being more than 84,000 miles high (which would be more than 10 times the Earth's diameter)!

- 3) **Muslim:** The Koran was written 600 years after Christ and at a time when the Bible was available in its entirety. According to the Koran there are seven heavens in which all things are said to move. These heavens are solid, have roofs, and contain lamps which are posted to keep demons from entering the heavens and tempting the inhabitants. When the Sun sets it sets in a sea of black mud.
- 4) **Greek Mythology:** The ancient Greeks believed the Earth sat on the back of an immortal giant named Atlas. No word on what Atlas was supposed to be standing on.
- 5) **Mormon:** Oliver B. Huntington, a devout LDS contemporary of Joseph Smith, stated that Smith taught, *"The inhabitants of the moon are more of a uniform size than the inhabitants of the earth, being six feet in height. They dress very much like the Quaker style.... They live to be very old; coming generally near a thousand years. This is the description of them as given by Joseph (Smith) the Seer, and he could see whatever he asked the Father in the name of Jesus to see"* (Journal of Oliver B. Huntington, Vol. II, p. 166). In the 1970's the Apollo program sent astronauts to the moon multiple times. No inhabitants were found.

Oceanography (<http://www.bible.ca/tracks/matthew-fontaine-maury-pathfinder-of-sea-ps8.htm>)

Navy Captain Matthew Maury, the father of modern oceanography and naval meteorology, was a Christian. While doing Bible study one day (in the 1800's) he came across Psalm 8:8 where God states that there are "paths in the seas". Captain Maury believed God and decided to look for these paths in the seas and, guess what, he found them. These paths in the seas enabled ships to sail from one location to another faster than they otherwise could, resulting in significantly reduced shipping costs. In memory of Maury's achievements, the State of Virginia erected a monument, which states: *"Matthew Fontaine Maury, Pathfinder of the Seas, the Genius Who First Snatched from the Ocean and Atmosphere the Secret of Their Laws. His Inspiration, Holy Writ, Psalm 8:8, Psalm 107:23-24, and Ecclesiastes 1:6."* God's Word stated the existence of these ocean currents 3,000 years before their discovery by science.

Psalm 8:8

The birds of the heavens and the fish of the sea, Whatever passes through the paths of the seas.

(Psalm 107:23-24) - Those who go down to the sea in ships, Who do business on great waters; 24 They have seen the works of the Lord, And His wonders in the deep.

Ecclesiastes 1:6 - Blowing toward the south, Then turning toward the north, The wind continues swirling along; And on its circular courses the wind returns.

The Water Cycle

The Bible described what we now call the "Water Cycle" thousands of years before it was discovered by Pierre Perrault and Edme Marriotte in the 1600's.

Job 26:8 (clouds contain large amounts of water)

He wraps up the waters in His clouds, And the cloud does not burst under them.

Ecclesiastes 11:3 (rain comes from the water in the clouds)

If the clouds are full, they pour out rain upon the earth; and whether a tree falls toward the south or toward the north, wherever the tree falls, there it lies.

Ecclesiastes 1:7 (rain feeds the rivers and they all flow into the sea)

All the rivers flow into the sea, Yet the sea is not full. To the place where the rivers flow, There they flow again.

Amos 9:6 (the water in the clouds comes from the sea – evaporation)

The One who builds His upper chambers in the heavens And has founded His vaulted dome over the earth, He who calls for the waters of the sea And pours them out on the face of the earth, The Lord is His name.

Optimized Proportions For Cargo Ships

Optimization of the design of large cargo ships was not possible until the computers of the 20th century became available for use by design engineers. After millions of computer simulations the engineers determined what the optimal proportions are for cargo ships. Guess what they found? The optimal proportions for cargo ships match the proportions of Noah's Ark (dimensions of 450 feet long, 75 feet wide, 45 feet high = proportions of 30X, 5X, 3X). God gave these proportions to man in the first few chapters of Genesis (**Genesis 6**) thousands of years before engineers discovered these proportions in the 20th century. Modern container ships have proportions of 30X long, 5X wide, and 1.5X high but another 1.5X of the height is made up of shipping containers on top of the boat matching the proportions of Noah's Ark. <http://www.bbc.com/news/magazine-21432226>

Compare this to the writings of other cultures. The Ark described in the worldwide flood of the Sumerian Gilgamesh Epic was cubic in proportion. We know today that such a shape is fundamentally unstable for any boat and would have not survived the flood. For a detailed study on this topic please see the study titled, "Why Study the Bible? – An Engineering Analysis of Noah's Ark" located at: <http://gciweb.org/2011/04/youth-bible-study-materials-michael-r-daily/>

Dinosaurs

Dinosaur remains were first discovered by English physician Gideon Mantell in 1820. However, over 3,000 years ago the book of Job describes an animal with a tail the size of a cedar tree (a very large tree). It is interesting to note that the conversation between Job and God indicates that dinosaurs were alive at the same time that Job was. This is consistent with the Bible's claims in Genesis that the Universe is relatively young. By the way, Dr. Mary Schweitzer at North Carolina State University has isolated soft tissue from the femur of a dinosaur. There is no known way that organic material such as this could remain intact for millions of years.

Job 40:15-24

"Behold now, Behemoth, which I made as well as you; He eats grass like an ox. 16 "Behold now, his strength in his loins And his power in the muscles of his belly. 17 "He bends his tail like a cedar; The sinews of his thighs are knit together. 18 "His bones are tubes of bronze; His limbs are like bars of iron. 19 "He is the first of the ways of God; Let his maker bring near his sword. 20 "Surely the mountains bring him food, And all the beasts of the field play there. 21 "Under the lotus plants he lies down, In the covert of the reeds and the marsh. 22 "The lotus plants cover him with shade; The willows of the brook surround him. 23 "If a river rages, he is not alarmed; He is confident, though the Jordan rushes to his mouth. 24 "Can anyone capture him when he is on watch, With barbs can anyone pierce his nose?"

Atoms

Does the Bible talk about atoms? Why wouldn't it? God knew about atoms when He wrote the Bible.

Hebrews 11:3

By faith we understand that the worlds were prepared by the word of God, so that what is seen was not made out of things which are visible.

Atoms are so tiny they cannot be seen because they are smaller than the wavelength of light. It takes at least 10,000 atoms clumped together to reflect the tiniest pinpoint of light as a little white dot. So, the world we can see is made out of atoms which we can't see! Think about that. If you lived in the ancient world and someone came up to you and said that the world you can see is made out of things you can't see what would you think? That person must be crazy. That doesn't even make sense. How can things that I can see be made out of invisible things? Yet God revealed this in the Bible thousands of years before science figured it out.

Medical Sanitation

Acts 7:22 - Moses was educated in all the learning of the Egyptians, and he was a man of power in words and deeds.

Egyptian medicine, at the time of Moses, believed that the best treatment for a splinter was worm's blood and donkey's dung. An Egyptian medicine kit of that time period would contain things like putrid meat, lizard blood, goose grease, animal fats, and dung from various animals.

Exodus 15:26

And He said, "If you will give earnest heed to the voice of the LORD your God, and do what is right in His sight, and give ear to His commandments, and keep all His statutes, I will put none of the diseases on you which I have put on the Egyptians; for I, the LORD, am your healer."

While the Egyptians were smearing poop on their sores God gave Israel a series of commands related to sanitation in **Leviticus 11 to 22**, **Numbers 19**, and **Deuteronomy 23** that protected them from disease. These commands include washing with water, covering your mouth with your hand when you talk if you are sick (**Leviticus 13:45**), quarantining sick people from the population, and washing or burning the clothes of sick people. Today when we read through parts of the Bible like Leviticus it may seem boring to us because all of these sanitary rules are well known and obvious today, but at the time God revealed them to Israel they were unknown to the rest of the nations. Throughout history the Jewish people have experienced lower levels of infectious diseases compared to the rest of the population until the medical world caught up to God's wisdom.

The benefits of washing the hands was not identified by modern medicine until the mid-1800's. Dr. Ignaz Semmelweis, in charge of the maternity ward at a Vienna hospital, noticed that some parts of the ward had a high death rate among women who had just given birth. He isolated the cause to some medical students who attended births right after working on cadavers (dead bodies). Dr. Semmelweis instituted a rule of thorough handwashing after working on cadavers or before attending births resulting in a dramatic drop in the mortality rate of new mothers. But God communicated this rule to Israel thousands of years earlier (**Lev 15:11**).

Circumcision

Although philosophically controversial today, there is evidence that circumcision provides health benefits:

- 1) decreased risk of urinary tract infections and sexually transmitted diseases in men
- 2) protection against penile cancer and reduced risk of cervical cancer in female sex partners
- 3) prevention of inflammation of the glans and foreskin

Genesis 17:12-13

And every male among you who is eight days old shall be circumcised throughout your generations, a servant who is born in the house or who is bought with money from any foreigner, who is not of your descendants. ¹³ A servant who is born in your house or who is bought with your money shall surely be circumcised; thus shall My covenant be in your flesh for an everlasting covenant.

The historical rate of cervical cancer has been significantly less (as much as eight times less) in Jewish women than in the general population. Circumcision of their spouses is thought to be the primary reason why.

The next 3 items have question marks because these are prophecies that have not happened yet. At the time these prophecies were written there was no known way for these things to occur. Nevertheless, the technologies of the 21st century act as an "existence proof" that these things could easily be fulfilled today.

Global Television?

In the book of Revelation the Two Witnesses' death and resurrection will be simultaneously viewed by the people, tribes, tongues, and nations of the Earth. At the time this was written there was no known way for this to happen. Today we know that it could easily be done with television.

Revelation 11:7-9

When they have finished their testimony, the beast that comes up out of the abyss will make war with them, and overcome them and kill them. ⁸ And their dead bodies *will lie* in the street of the great city which mystically is called Sodom and Egypt, where also their Lord was crucified. ⁹ Those from the peoples and tribes and tongues and nations will look at their dead bodies for three and a half days, and will not permit their dead bodies to be laid in a tomb.

Smart Weapons?

In reference to the future destruction of Babylon, Jeremiah states that the arrows themselves will be experts at war and that they will not fail. At the time this was written it made no sense. Today we have arrows (missiles) that have sensors and can make decisions about attack options while in flight (known as “smart” weapons).

Jeremiah 50:9

“For behold, I am going to arouse and bring up against Babylon A horde of great nations from the land of the north, And they will draw up *their* battle lines against her; From there she will be taken captive. Their arrows will be like an expert warrior Who does not return empty-handed.

Weapons of Mass Destruction?

Revelation 18:8-19 describes how the great city of Babylon (a symbolic name) in the future will be burned to destruction in less than a day and how it will be uninhabited and how people will stay a long distance away from the city indefinitely. At the time this was written there was no known way to do this. Today we know that nuclear weapons could easily do this. For a detailed study on this passage see the study titled, “Babylon The Great – Woman of Mystery (Revelation 17 & 18)” located at: <http://gciweb.org/2011/04/youth-bible-study-materials-michael-r-daily/>

Revelation 18:8-10, 15-19

For this reason in one day her plagues will come, pestilence and mourning and famine, and she will be burned up with fire; for the Lord God who judges her is strong. 9 “And the kings of the earth, who committed acts of immorality and lived sensuously with her, will weep and lament over her when they see the smoke of her burning, 10 standing at a distance because of the fear of her torment, saying, ‘Woe, woe, the great city, Babylon, the strong city! For in one hour your judgment has come.’

¹⁵ **The merchants of these things, who became rich from her, will stand at a distance because of the fear of her torment, weeping and mourning, 16 saying, ‘Woe, woe, the great city, she who was clothed in fine linen and purple and scarlet, and adorned with gold and precious stones and pearls; 17 for in one hour such great wealth has been laid waste!’ And every shipmaster and every passenger and sailor, and as many as make their living by the sea, stood at a distance, 18 and were crying out as they saw the smoke of her burning, saying, ‘What city is like the great city?’ 19 And they threw dust on their heads and were crying out, weeping and mourning, saying, ‘Woe, woe, the great city, in which all who had ships at sea became rich by her wealth, for in one hour she has been laid waste!’**

Ezekiel 39:9-16 describes a future war between Israel and Magog with God directly intervening to assure Israel’s protection. The result is a large number of unused weapons that will be used to provide energy for the nation of Israel for 7 years. We know today that reprocessing of nuclear warhead materials could easily provide the energy to power a nation for many years.

Ezekiel 39:9-15

“Then those who inhabit the cities of Israel will go out and make fires with the weapons and burn them, both shields and bucklers, bows and arrows, war clubs and spears, and for seven years they will make fires of them. 10 They will not take wood from the field or gather firewood from the forests, for they will make fires with the weapons; and they will take the spoil of those who despoiled them and seize the plunder of those who plundered them,” declares the Lord God. 11 “On that day I will give Gog a burial ground there in Israel, the valley of those who pass by east of the sea, and it will block off those who would pass by. So they will bury Gog there with all his horde, and they will call it the valley of Hamon-gog. 12 For seven months the house of Israel will be burying them in order to cleanse the land. 13 Even all the people of the land will bury them; and it will be to their renown on the day that I glorify Myself,” declares the Lord God. 14 “They will set apart men who will constantly pass through the land, burying those who were passing through, even those left on the surface of the ground, in order to cleanse it. At the end of seven months they will make a search. 15 As those who pass through the land pass through and anyone sees a man’s bone, then he will set up a marker by it until the buriers have buried it in the valley of Hamon-gog.”

God's Use Of Cell Phone Technology In His Design Of The Bible

I prefer to use a topical style when teaching the Bible. In other words I like to pick a topic and then see what the whole Bible has to say about that topic. When I do that something very interesting happens. I end up with verses from all over the books of the Bible that are important to that topic. Why is that? Why isn't all the information related to a topic found in one book of the Bible? Why isn't there a book of the Bible titled, "The Book of Marriage" or "The Book of Finances"? Why is the information spread out across so many different books? After all it makes the job of understanding God's will on a topic more work to dig out and uncover.

The message encoding approach used in the Bible is referred to by communications engineers as a "Spread Spectrum" approach to transmitting a message (ref #1). Spread Spectrum techniques are methods by which a message is broken up into small pieces and each piece is deliberately spread over a wide range of frequencies for transmission instead of using one frequency. Even if many of the transmitted pieces don't get to the receiver, enough will that the receiver's processor can reassemble the complete message. With today's low cost signal processing chips, the pieces can be reassembled into the original message in fractions of a second.

Why would you use a Spread Spectrum method to transmit a message? Spread Spectrum transmissions are used to establish secure communications, are very resistant to interference, noise and jamming, and to prevent detection. If you want to make your message resistant to jamming or modification by a hostile adversary you would encode your message using Spread Spectrum. So, God has encoded His message in the Bible in such a way that it is extremely resistant to jamming or intentional modification by evil men or fallen angels.

How does this work? Think of each book of the Bible as a transmission frequency. Let's imagine that the Bible did not use a spread spectrum approach but instead each book of the Bible fully contained a single topic area of life (for example, the book of Marriage). In this case if someone had a Bible but it was missing a single book what would happen to the message? Without Spread Spectrum, the information from God in the missing book would be completely unavailable to that person and might be lost forever. The missing book could also be replaced, undetected, by an impostor book in which the message had been changed by an adversary since there would be nothing else to compare it to. All the information from God on the topic was in that one book.

But by using a Spread Spectrum approach, God's will on a particular topic would still be available if one of the books of the Bible (for example, the book of James) was lost but some of the detail would be slightly degraded. However, the person would still have enough guidance from the rest of the Bible to do God's will. In addition, if an adversary tried to put an impostor book in its place, the impostor book would be easily detected because it would contradict multiple other books of the Bible in multiple topic areas.

Is this a real issue? Yes. There are places in the world that are hostile to the existence of the Bible. Because of this sometimes people have access to some but not all of the books of the Bible. God's encoding of His message across multiple books of the Bible makes it easier for people in these situations to still understand the mind of God on most issues.

The Spread Spectrum approach used by God in His design of the Bible is so obvious that even non-engineers recognize it. For example, in writing about his research on Bible prophecy, one writer concluded, "*the number of prophecies in the Bible is so large and their distribution so evenly spread through both Testaments and all types of literary forms that the interpreter is alerted to the fact that he or she is dealing with a major component of the Bible*" – Walter Kaiser, *Back Toward the Future*, Wipf & Stock Publishers, Eugene, OR, 2003.

Spread Spectrum approaches were invented during World War II by Hedy Lamarr and George Anthiel. Lamarr and Anthiel received a patent in 1941, but their methods were not used until the Cuban Missile Crisis (1962) and, later, in numerous military applications. In addition "Spread Spectrum" technology has enabled today's digital communications boom, making cellular phones and other wireless operations possible. But God used this same "cell phone technology" to protect His Word thousands of years before engineers discovered it.

Isaiah 28:9-10

To whom would He teach knowledge, And to whom would He interpret the message? Those *just* weaned from milk? Those *just* taken from the breast? ¹⁰ "For He says, 'Order on order, order on order, Line on line, line on line, A little here, a little there.'"

QUIET TIMES ALONE WITH GOD

JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *John 3:12, Romans 3:1-4*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Colossians 2:8-9*

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PASSAGE FOR MEDITATION: *Luke Chapter 2*

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JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *Job 26:8, Ecclesiastes 11:3, Ecclesiastes 1:7, Amos 9:6*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Genesis Chapter 6*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Job 40:15-24*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

QUIET TIMES ALONE WITH GOD

JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *Hebrews 11:3*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Genesis 17:12-13*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Revelation 11:7-9*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

QUIET TIMES ALONE WITH GOD

JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *Jeremiah 50:9*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Revelation 18:8-19*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Ezekiel 39:9-15*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

QUIET TIMES ALONE WITH GOD

JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *Isaiah 28:9-10*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Acts 7:22, Exodus 15:26*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Numbers Chapter 19*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

QUIET TIMES ALONE WITH GOD

JEREMIAH 15:16

THEME: *Observational Science Compared To The Bible*

PASSAGE FOR MEDITATION: *Deuteronomy Chapter 23*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Leviticus Chapters 11 to 16*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?

PASSAGE FOR MEDITATION: *Leviticus Chapters 17 to 22*

How does this passage relate to the theme?

When I reflect on this passage, does it primarily convict, encourage or challenge me? Explain why:

How will I apply this passage to my life in the coming week and is there anything I can do today to make this passage a part of my Christian life?