

The Four Empirical Laws of Science

By Paul J. Wickliffe, Monday, February 29, 2016



Image by Dept. of Interior, Bureau of Reclamation

Job 32:8--But *there is* a spirit in man: and the **inspiration** of the Almighty giveth them understanding.

Like all men who seek purpose, meaning and value in life, it is God's spirit who imparts understanding to men. Flowing from God to men, man's ability to understand all that is around him, springs from an inspiration within man placed there by his Creator. Man, as receiver of this inspiration from God, is given understanding into the mysteries of God himself. In the end, will man acknowledge this inspiration and understanding as coming from his Creator, OR will man pat himself on the back asserting that this spark of genius, or inspiration, came from within and continue down a path of 'positive self-appraisal?'

HOOVER DAM: ONE OF MAN'S CONSTRUCTION WONDERS OF THE WORLD

1. Signed into law by President Calvin Coolidge on December 21, 1928 the Boulder Canyon Project Act appropriated \$165 million for the construction of Boulder Dam, Imperial Dam and the All American Canal.
2. The dam's cost of \$49,000,000, engaged the efforts of 16,000 men and women.
3. Hoover Dam (also known as Boulder Dam), was dedicated September 30, 1935 by F.D.R.
4. The hybrid arch-gravity dam is built in the Black Canyon--Colorado River watershed and located near the town built for the workers during the project's construction, Boulder City, Nevada.
5. Impounding the waters of the Colorado River that creates Lake Mead (named after Elwood Meade, commissioner of the Bureau of Reclamation from 1924-1936), the dam's catchment area is 167,800 sq. miles.
6. This basin has a capacity potential of 30,500,000 acre feet of water (or 9.2 trillion gallons of water) creating a lake with a surface area of 247 sq. miles.
7. The lake's 550 miles of shoreline is impressive.
8. The reservoir's depth has been measured at 590 feet.
9. The dam, containing a nonreactive aggregate is not subject to the effects of Alkali-Silica Reactive, a phenomenon that causes more common concrete aggregates to deteriorate over time.
10. The dam has the potential of holding the entire flow of the Colorado River for two years.
11. Approximately 800,000 acre feet of water evaporate annually from the lake.
12. Enough concrete was used in the dam's construction to build a two lane highway from San Francisco to New York.
13. This massive dam contains more masonry than the Great Pyramid of Giza.

14. Cooling tubes (582 miles worth) were used as a way of setting the concrete. Without this engineering foresight the concrete would have taken a century to set up.
15. If the dam had been constructed in a single continuous pour, it would have taken 125 years to cure.
16. A total of 96,000,000 lbs. (48,000 tons) of steel and metalwork were used.
17. A total of 112 deaths were attributed to the Boulder Canyon Project (Boulder Dam, Imperial Dam and the All American Canal).
18. No one died (became entombed in the concrete) during the pouring of the concrete because each pour from the concrete bucket filled the form by only an inch.
19. This was THE project where the word "hard hat" got its name (cloth hats dipped in tar and allowed to dry--"hard boiled hat").
20. While the dam weighs in at whopping 6.6 million tons, its waters generate 2.8 million kilowatts of power.
21. During its construction, in the summer of 1931, temperatures reached 120 degrees. During June 25 to July 26 sixteen construction and riverbank residents died of heat related illnesses.

If God's imprint is not apparent to some in his creation, then the universal, empirical laws of science should demonstrate otherwise. In this examination of four incontestable laws observed in our universe, we will evaluate the differences between creation and evolution and see which model best meets the requirements of the scientific, empirical method of analysis.

LAW 1: Conservation of Energy (what is tangible vs. what is intangible)

This law, stated in a number of different ways, produces the same result.

1. Energy can neither be created nor destroyed, only transformed from one form to another
2. While matter can neither be created nor destroyed an equilibrium will eventually be achieved as heat transference and work (caloric energy), produce a corresponding increase of internal energy within a given system. It is understood matter cannot

originate from nothing, and in the exchange of energy from one system to another it cannot be destroyed

3. Energy=force x distance

4. Heat + work = an equilibrium of energy is eventually produced within a given system

This law consists of four specific sub theses:

1. Matter can neither be created nor destroyed
2. The phenomenon of heat transference equilibrium speaks or implies a much larger cosmological equilibrium
3. Heat transference and work implies a source from which the heat, or work, must come
4. A heat/light exchange produces a corresponding increase of internal energy within a given system.

The thesis which becomes most pertinent is the one that addresses energy transformation and then the creation and destruction of matter. To the evolutionist/materialist this law poses insurmountable obstacles for it rejects the faith in the existence of the biblical God. God did not create the unseen from nothing but from his spoken Word--Jesus Christ.¹ Consider the following five verses from the Bible and what they state regarding Jesus Christ's power:

Matthew 28:18-- "All power is given unto me in heaven and in earth."

Yes, Jesus Christ possesses all power! When God the Father spoke all things came into being by Jesus Christ (Gen. 1:3; Ps.33:6, 9; John 1:1-3)

Matthew 26:64--"Hereafter shall ye see the Son of man sitting on the right hand of power, and coming in the clouds of heaven."

With this power and authority Jesus is able to compel all to bend their knee and confess his name as LORD; even those who oppose him. He will judge all nations and is above every god.

I Corinthians 4:20--"For the kingdom of God is not in word, but in power."

Jesus Christ is the power behind his word.

Romans 13:1-- ". . . For there is no power but of God: . . ."

Omnipotence means all power! Jesus Christ wields all power on earth.

Colossians 1:16, 17--"For by him were all things created, that are in heaven, and that are in earth, visible and invisible, whether they be thrones, or dominions, or principalities, or powers: all things were created by him, and for him: 17. And he is before all things, and by him all things consist."

Jesus Christ made all things therefore all things are under his subjection and control--He is absolute sovereign!

¹Hebrew 11:3--Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear.

Without faith in an everlasting Providence there is no explanation for the existence of matter or its origin. For the evolutionist physical matter has always existed and therefore this law is the death knell to the whole materialist cosmology.

Since matter cannot be destroyed how does the individual who rejects the reality of the spiritual dimension explain the demise of a human being, or a closed system, if you will? The individual's essence (spirit, soul) does not simply dissipate into nothingness!

LAW 2: Entropy, Decline and Death



Figure 1—Contrary to observational science explosions don't produce order and complexity, Newborn, Yaghan Indian woman, Grim Reaper

Explosion and Grim Reaper—Windows 7 clip art gallery

Newborn—Microsoft Photo Gallery v. 16.4.3528.331, babys-eye-1443300-m.jpg

Yaghan Indian woman—Tierra del Fuego, South America, *The Wonders of Life on Earth*, Time Life Publishers, Golden Press, New York, Copyright © 1960, p. 94

This law states that in our universe it is observable that man as well as our solar system is in a state of decay and disorder. Our universe, it has been observed, is not moving toward a level of increasing complexity, advancement, or evolution. Order, complexity, and advancement are not spawned from death, decline and disarray.

Evolution not only contradicts this second law, but cannot provide an adequate rebuttal regarding the existence of the organic and inorganic within the universe. Creationism says physical death is a result of man's original sin in the Garden of Eden against God--a spiritual divide that cannot be spanned apart from Jesus' atoning work on the cross.

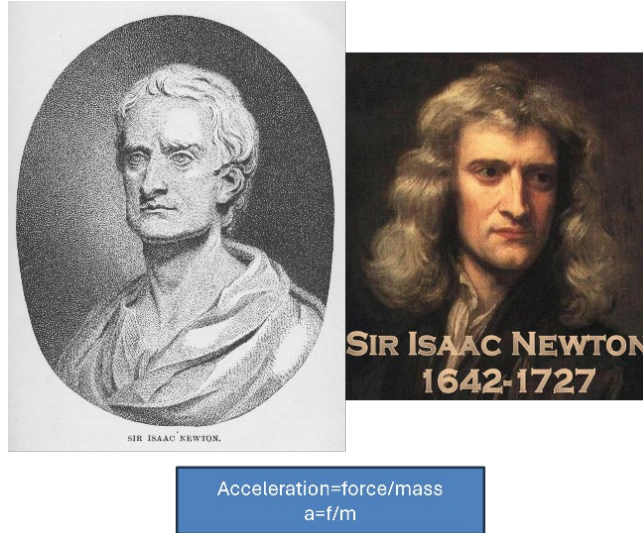


Figure 2—Athanasius and Arius, Newton claimed, had distorted Scripture with their Greek philosophical, metaphysical views of man and Christ’s presence in Communion. Known as consubstantiation, this view states that Christ is with (con) the Communion elements of the bread and the wine. However, in scripture Christ himself said “This do in remembrance of me.” The Communion of Christ is, therefore, a memorial picturing the broken body of Christ (bread) and his blood (wine), which is the New Testament. The elements of the bread and the wine are simply elements that symbolize, or represent, the body and blood of the Messiah. This ordinance is to be observed by all the elect until Christ’s return. Newton did not reject the trinity as taught in the Bible. What he rejected was the Greek metaphysical concept of substance. He understood that Christ while in essence is fully God, as well as a person within the trinity, Christ, nonetheless, possesses a distinct ministry as sin-bearer for sinful man.

left—Sir Isaac Newton by Sarah K. Bolton, "Famous Men of Science," New York, Copyright © 1889

right—From a color portrait of Newton by Sir Gottfried Kneller (1646-1723), German painter, draughtsman, engraver and miniaturist (both images compliments of Wikimedia Commons Image Archive)

bottom—Classical Newtonian acceleration formula

Recognized as one of the most influential scientists of all time, Newton lived from 1642-1727. Stated laws of motion, applied Newtonian mechanics in his understanding of the universe, formulated laws of gravitation, father of modern day calculus, design, built and engineered a working reflecting telescope, re-stated mathematical equations giving us the power of any number, Newton’s official published work, *Principia* (Newtonian mechanics, planetary laws of motion, and gravitational observations) stated the scientist’s official view as a natural philosopher, Newton’s method—a more approximate mathematical method of determining root values for numbers.

LAW 3: Cause and Effect This scientific proposition says for every effect there is an equal to or greater than cause.

So when the Big Bang occurred what was its cause? When the humanist says, ‘It just happened,’ those remarks don’t sound very scientific to me. For the creationist, Jesus our LORD, is before all things and by him all things consist (Colossians 1:17). To the creationist there is a mind and engineer behind everything operating in the universe. To the evolutionist everything is assumed but there is no rational explanation for the reason or mind behind anything that happens in the universe.

LAW 4: The Law of Biogenesis (only life can beget life)

The law of biogenesis obliterates the notion that inorganic/inanimate matter gave rise to organic/animate complex organisms. For the evolutionist, in their attempt to explain cosmological origins, there is no chicken or egg regardless of what they assert came first.

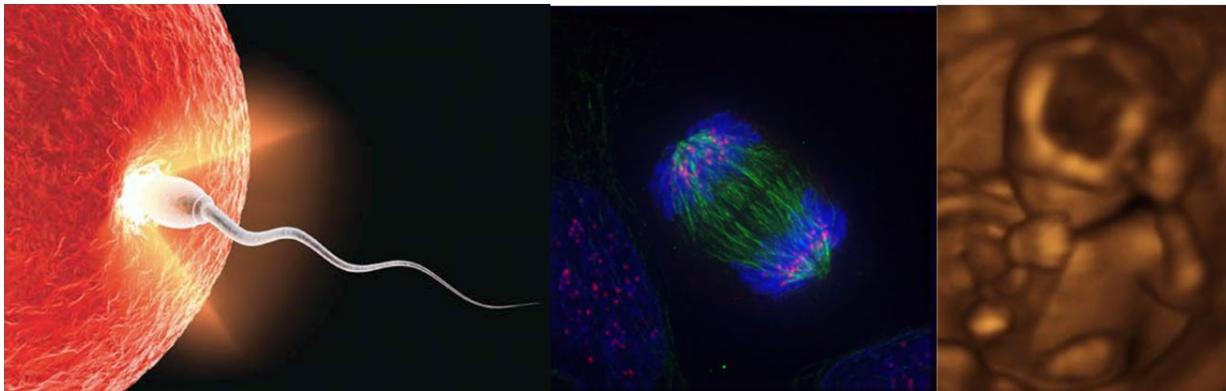


Figure 3—Conception, mitosis process of anaphase cell division, ultrasound of baby waving and sucking thumb @ 17 weeks

left—Conceptual rendering capturing the earliest stages of conception between sperm and ovum (image taken from 01/09/2009 *Acts & Facts* issue on “Laying the Groundwork for Growth,” in which the article on “Human Reproduction,” by Randy Guliuzza appeared. See [hyperlink](#))

Center—The anaphase of mitosis or cell division. During this process non-kinetochore microtubules are stretched polarizing the chromosomes farther apart. (Author Roy van Heesbeen)

Right—A baby at 17 weeks sucking thumb and waving (3D ultrasound submitted by Jennie Cu, Wikimedia Commons, 10/02/07)