

BAD SCIENCE vs. GOOD SCIENCE

Good Science is based on facts, laws, and logic.

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There is good science and bad science. Good science is based on facts and physical laws. Bad Science is based, not on scientific law, but questionable theory.

The ultimate scientist, as some regard him, Einstein ventured into the unknown of space with very few, if any scientific laws. Einstein defied basic laws on gravity and light. As a result, his disciples, are forever conscience-bound trying to prove that their idol, Einstein, was right. Stephen Hawking, yet another idol of fanatical scientists, proposed even more outlandish wild concepts on so-called Black Holes at centers of galaxies, none of which can be substantiated, neither by mathematics, nor by scientific [laws on gravity](#).

Science can be good and bad, just like theology. Bad theologians, spoke and still speak for God, where God did not speak. History is full of bad theology, which was and still is enforced by militant strategies, which theologically, logically and morally are corrupt. So it is with science.

Constant revision is an indicator of bad science; whereas, good science, like $2 + 2 = 4$, never has to be revised. The latest fad in astronomy is that the universe is not as old as previously assumed, because, the Doppler Effect seems to point to a “younger” growing and expanding universe.

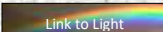
However, both proponents of the Big Bang, and revisionists on the timing of it, fail to take several factors into consideration:


1. **The Big Bang concept is fundamentally flawed,** and defies a rudimentary law of gravity: *Whenever matter approaches matter, energy is released; and energy is required to separate matter from matter.* E.g. [a] ‘Lift off.’ requires energy; [b] ‘Re-entry’ releases energy. [a] Energy is required to elevate water; [b] energy, released by falling water, can generate electric energy. [a] And nuclear fission is like splitting wood into kindling, both require energy, [b] subsequent burning the kindling, and restructuring particles of atoms provides energy. If the big Bang occurred, according to the [Law of Conservation of Energy](#), it had to be a supernatural act of creation, for in this world, energy can neither be created nor destroyed; it can only be altered from one kind into another.

2. **If the universe did start with an explosion,** like a big bang of exploding dynamite, debris would have been projected outwardly and spherically, with a void in the

center, similar to rings of waves after dropping a stone into still water. Obviously physical features of the universe do not correlate to the dynamics of explosions.

3. **Another fallacy assumes that space is a vacuum.** Space may seem to be empty, but it is not. At least three things are ever-present: Forces of gravity, light, and traces of hydrogen gas. Meteorites, asteroids, comets, and the Kuiper Belt are extreme manifestations of space dust, which daily bombards earth by the ton. The presence of hydrogen is undeniable, for earth’s gravity cannot retain the gas. This also applies to Mercury, Mars, Venus, Pluto and Moon. Anything smaller than Moon has no gas, no atmosphere, even water escapes and forms ice in space.

4. **In space, intrinsic gravity of hydrogen and gases** form loosely knit clouds (nebulae). As light from distant stars passes through, or by, such nebulae, their forces of gravity bend and deflect light, just as light is diverted when it passes from one density to another at the surface of water, and as is manifested in rainbows. 

5. **Thus Einsteinian assumptions defy logic,** for in space light does not travel through an absolute vacuum, and it is never unaffected by gravitational forces. It is a horse of a different color. The Doppler Effect proves that light and its energy changes. But the Doppler shift is more than a mere technicality; it has physical ramifications. That energy of light varies, was long known, though not explained by farmers, who capitalized on morning sun light, as my preteen son observed, when picking berries: [A] Berries that get the morning sun are sweeter than [B] berries that get the evening sun, because of varying speed of earth’s rotation relative to sunlight. It is undeniable: Light entails energy, movement, and direction, if one of the three changes, others have to correlate. 

6. **The fact that immense clouds of hydrogen** float about in space is beyond debate. Also, solar flares and supernovae do not move away from the sun (See discussion on Big Bang); they are primarily hydrogen nebulae, which are gravitationally pulled toward the sun. Emanating light of flares and supernovae are not explosions, but a path of ignitions of hydrogen and other gases, which are absorbed by the sun, causing a constant increase of its size, mass and energy, even Global Warming.

Good science is not only factual; it is logical; and logic is a precursor of knowledge, which confirms truth.

For more by Paul Welk
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