

The main scientific theory taking root in modern science thus far is the Big Bang theory, I have done various calculations which provide an expanded view of this theory and localized it to the Earth itself. "I say localized it to Earth" Because the mathematics describe how the Earth itself was made, in regards to Time and Space, from a center point to where it exists today. As we know, the Big Bang begins as a infinity massive point in space-time to where a sudden expansion at light speed formed all we know. Unlike pretty much all scientists, I will use the Earth as the "point" and its current location as the "Expanded end form" rather than trying to sum up the entirety of all galaxies and stars, and atoms, etc which the scientific community does.

When expansion occurred the form of the Earth, or shall we say the Seed of the Earth-I will elaborate on this choice of terminology. I am using the word "Seed" to represent a unknown object or set of objects such as atoms that act as the starting point that will eventually lead to the larger form of the Earth. A seed is something that is small, it sprouts and grows to create a larger form that has no resemblance to its initial form as a seed. Much like the Earth and all Stars/Galaxies, they began as smaller objects which, and after initial Big Bang Expansion- over time- became what we know them as they are today. Thus the term "Seed of the Earth" is no mystical nor philosophical musing but a apt name for the unknown sprout that would become the Earth at the time of the Big Bang. This of course does not take into account weather or not it is in a gaseous, plasma, or liquid form, as we are using Time and Space not Form and Matter, to arrive at our final conclusions. (How can one even use Matter in Math?)

Now that I have elaborated on the use of the terminology, I shall continue. When the Seed of Earth expanded and became a finite object, it did so at Light Speed, or 186,000 miles per second. It took exactly 1 Calendar Year to decelerate from Light Speed to its current Orbital Rotation Speed around the Sun, that is, how fast it is moving around the Sun, which is 18.6 miles per second. If it has not dawned on you yet what I just said I will point it out to you. *The speed of the Earths orbit around the Sun is exactly 10,000 times less than Light Speed.* 18.6 mi/s is 10% the Speed of Light.

Now how did it get to this speed? It is simple, when the Seed of the Earth gained more and more mass, or it as it grew to be its final form from the minute atoms it was, it decelerated to its current Orbital Speed at a rate inversely proportional to its Gravitational Acceleration, what I mean is, you know how a falling object speed up at 9.8 m/s every second it falls? Yes, the Acceleration Gravity? Well the Seed of the Earth as it grew *decelerated at the Speed of Gravity, or 9.8 m/s which is also π^2 .*

Now this is very important: *For the Seed of the Earth to decelerate (as it grew) from Light Speed to 10% of that Speed or 18.6 mi/s it took 1 Year with a deceleration rate of the Speed of Gravitational Deceleration.* [$Deceleration = (V_f - V_i) / t$]

How do we know the Time is 1 year? It seems self evident to me, but I will try to explain to you how we can come to know. 1 Year in Seconds is 31,536,000...are you looking close enough? If you are you will see this is strikingly close to Pi, in fact If I add a decimal, 31.536000..this gives us an error of 0.120074 from Pi(10), this is no "mathematical coincidence". Because the Error is minute, we can use Pi for Time In fact, Pi has a close relationship to Space, for we can use a circle and find the distance the Earth and the Seed of Earth traveled in 1 Year. This is of course the Total Distance the Earth Orbits around the Sun in 1 Year, which is 584 Million Miles...do you see it? $\pi (186,000,000) = 584$ Million. And as we know Time and Space are not separate things, it is only because of Time can we know Distance or Space, and only because of Space can we know Time, hence Pi used as a quanta of Time can lead us to Space or Distance. We can do this using the known calculations for finding out how far the Earth travels in 1 year, or $2 \times \pi \times r$. Now if we take 584 million divided by the number of seconds in one year using our Pi we get the Orbital Speed of the Earth. $[584000000 \div 31415926 = 18.58]$.

So what does all of this mean? For one it means the Earth or Earth Seed did no travel vary far from its initial creation location after the Big Bang Expansion, in fact, the Earth only traveled 584 million miles after its Seed was generated, and it slowed at 9.8 m/s to 10% Light Speed- its current

Orbital Speed, presumably the Seed Grew as it slowed, it also only took 365 Days or $\pi \cdot 10$ seconds to reach its current speed and location which is why we can calculate 1 year. This also means the Seed and other atoms do not travel in lines from the Big Bang Expansion, they curve as they decelerate, meaning at all times the curvature of Space has an effect, but how does this relate to gravity?

There is a wealth of information I have opened up to you who have a more advanced mathematical background. There are many answered questions yet I hope to spark your interest in this topic