



# The Journey of Life Creation

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## Abstract

Life is a gift for all human as it gives meaning to their exists by practicing and exploring the Events and Activities that occur around them.

To explain these events we need to look at the root of causing them by understanding how these objects, events, creatures or any matter are created, So we will go over a Journey on how this life is working and give an explanation about the mechanism of life since it's created.

The Goal of this paper is to simplify the understanding of our life and to put the priorities were human needs to work together to create better life and peaceful environment.

Astronomy is the key factor to accomplish this goal by giving it the right and fare explanations on how the Objects are working, connected or Created, and understand the way of the Universe system is designed and what worth and not worth to be explored and analyze, As a human efforts shall be utilized and optimized on what reflect benefits on them for continuous life improvements and developments.

## Keywords

Astronomy, Life, Deep Space, Earth, Sun, environment, Galaxy, Big Bang, Gravitation, Heliocentric Model, Geocentric Model, Orbit, Planet, Solar System, Space Exploration.

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## 1. Introduction

This exploration Journey will provide an overview of human life from Astronomy prospective as it will explain the stages of life creation since the time it born and the events came after.

We will discussed what been discovered during this period and what we learned, and how this revolutions of knowledge gained, impact on the human life itself and what can be added for future.

Looking close about the purpose of this life and if the events and activities of the Universe behavior have relations and direct impact on the human themselves or if our life is just a consequences or sub phenomenon of the cosmic event.

We will analyze the solar system mechanism as a direct impact system on the earth and if there any influences between the earth and the other planets or each matter has its own characteristics and behavior.

Deep evaluation of the Physics Laws or Astrophysics specially, and if there are any relations with these laws to the other objects outside the earth atmosphere or if these Laws are applicable on the solar system overall.

As a Conclusion, what should be the road map of the next Astronomy studies and researches, How these researches will impact on the human life as a direct influencer from the cosmic events, What should be learned and researched and what is not worth the efforts spent on such researches and as a result how we can develop a better human life by understanding the purpose of this life and how its work.

### 1.1. Method

1. The method used in this research is an analysis on the given data from multiple resources such as Space Agencies, Astronomy and physics authorities, mainly from their web sites.
2. Physics and mathematical formulas been involved to process and compare The given data as mentioned above, such as Newton's Law of Motion,  $F = M * A$ .
3. Beside to the self study and monitoring of the earth sphere, supported with shots of the stars and planets.

### 1.2. Purpose

1. To simplify the understanding of Astronomy, how it's work and what should be learned as useful information's for general public.
2. Assign the priorities of the researches and optimize the resources for the purpose of each task, utilize the efforts taken on the right direction of the studies.
3. To come out with the conclusion to improve the human life and develop a road map of creating a frame work to get a peaceful and safe environment.

## 2. The Current State of Art in Astrophysics

In this chapter we will explain how Space Agencies, Astronomers, Physics Scientist, Researchers or any stakeholders in this domain are looking to the Universe over the history.

The overview on the mechanisms of how the universe is work, the laws that applied to it, what are the scientific explanations of the phenomenon and the events that observed within our galaxy.

What been discovered in Astronomy, what are under study, what need more explorations and input data to provide the right explanations of events, states and behavior of the Universe.

### 2.1. The Big Bang

The big bang is how astronomers explain the way the universe began. It is the idea that the universe began as just a single point, then expanded and stretched to grow as large as it is right now and it is still stretching.

When the universe began, it was just hot, tiny particles mixed with light and energy. It was nothing like what we see now. As everything expanded and took up more space, it cooled down.

The tiny particles grouped together. They formed atoms. Then those atoms grouped together. Over lots of time, atoms came together to form stars and galaxies.

The first stars created bigger atoms and groups of atoms. That led to more stars being born. At the same time, galaxies were crashing and grouping together. As new stars were being born and dying, then things like asteroids, comets, planets, and black holes formed [\(1\)](#).

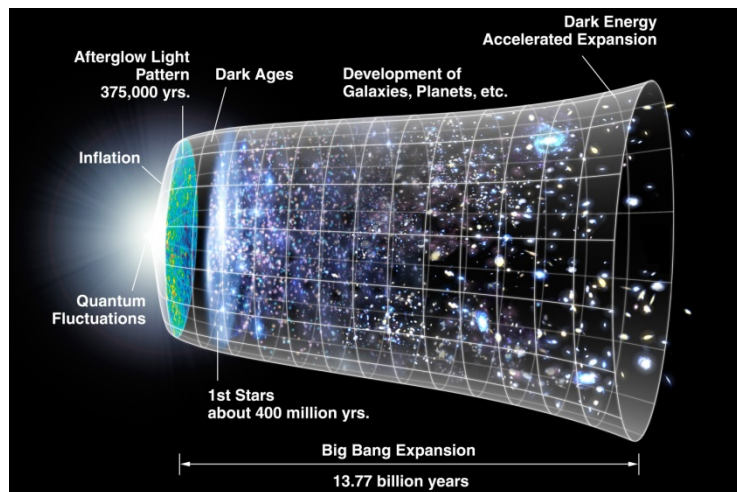


Figure 1. The Big Bang [\(by NASA\)](#)

## 2.2. The Solar System & the Heliocentric Model

Our solar system consists of an average star we call the Sun, the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto. It includes: the satellites of the planets; numerous comets, asteroids, and meteoroids; and the interplanetary medium. The Sun is the richest source of electromagnetic energy (mostly in the form of heat and light) in the solar system. The Sun's nearest known stellar neighbor is a red dwarf star called Proxima Centauri, at a distance of 4.3 light years away. The whole solar system, together with the local stars visible on a clear night, orbits the center of our home galaxy, a spiral disk of 200 billion stars we call the Milky Way. The Milky Way has two small galaxies orbiting it nearby, which are visible from the southern hemisphere. They are called the Large Magellanic Cloud and the Small Magellanic Cloud. The nearest large galaxy is the Andromeda Galaxy. It is a spiral galaxy like the Milky Way but is 4 times as massive and is 2 million light years away. Our galaxy, one of billions of galaxies known, is traveling through intergalactic space.

The planets, most of the satellites of the planets and the asteroids revolve around the Sun in the same direction, in nearly circular orbits. When looking down from above the Sun's North Pole, the planets orbit in a counter-clockwise direction. The planets orbit the Sun in or near the same plane, called the *ecliptic*. Pluto is a special case in that its orbit is the most highly inclined (18 degrees) and the most highly elliptical of all the planets. Because of this, for part of its orbit, Pluto is closer to the Sun than is Neptune. The axis of rotation for most of the planets is nearly perpendicular to the ecliptic. The exceptions are Uranus and Pluto, which are tipped on their sides [\(2\)](#).

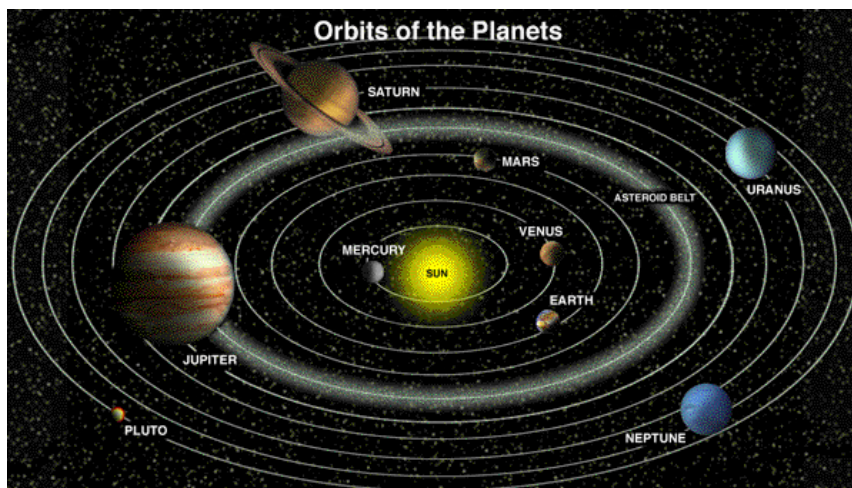


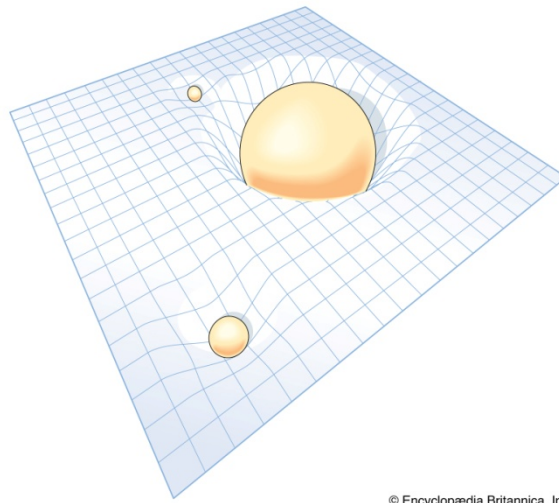
Figure 2. The Solar System

### 2.3. Theory of General Relativity

The part of the wide-ranging physical theory of relativity formed by the German-born physicist Albert Einstein. It was conceived by Einstein in 1916. General relativity is concerned with gravity, one of the fundamental forces in the universe. Gravity defines macroscopic behavior, and so general relativity describes large-scale physical phenomena.

General relativity follows from Einstein's principle of equivalence: on a local scale it is impossible to distinguish between physical effects due to gravity and those due to acceleration. Gravity is treated as a geometric phenomenon that arises from the curvature of space-time. The solution of the field equations that describe general relativity can yield answers to different physical situations, such as planetary dynamics, the birth and death of stars, black holes, and the evolution of the universe. General relativity has been experimentally verified by observations of gravitational lenses, the orbit of the planet Mercury, the dilation of time in Earth's gravitational field, and gravitational waves from merging black holes (3). Gravity is most accurately described by the general theory of relativity, which describes gravity not as a force, but as consequence of the curvature of space time caused by the uneven distribution of mass (4).

As he worked out the equations for his general theory of relativity, Einstein realized that massive objects caused a distortion in space-time. Imagine setting a large body in the center of a trampoline. The body would press down into the fabric, causing it to dimple. A marble rolled around the edge would spiral inward toward the body, pulled in much the same way that the gravity of a planet pulls at rocks in space.



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**Figure 3. The General Relativity**

### 3. Research Analysis

Based on the above information's, there are many clarifications which required us to rethink again on the current discoveries and how the Universe is formed, as well there are many theories over the history rise controversy on the way how they are extracted.

We always need to look to the root of cause and analyze the available data to come out with significant results which lead to the proper theories, which makes sense and can provide valuable benefits that reflected on the human being.

In this chapter I'll explain each point of the above Current State of Art in Astrophysics from logic and scientific point of view which will end up with a concept that required us to reshape the road map in the Astronomy world.

#### 3.1 Universe Creation for Purpose VS The Big Bang

As explained earlier about the Big Bang Theory, Astronomer look to the begin of the universe as a single point then expand and stretch to grow as it is right now, and formed galaxies, Planets, stars, asteroids and other matters.

If we accept this theory, many questions popped up:

If the Universe created from a single point, why the content of the Universe is not identical? As each object in the universe have its own dimensions and characteristics.

What is the system of the Big Bang at each stage? As each stage has its own shaping and forming, so what is the physics laws for that phenomenon?

What is the type of energy that engaged at the first point and what is the source of it? As the first point of the creation is the moment of the explosion.

What is the order in sequence of the planets creation in the solar system specially the earth? And what is the scientific conclusion that the earth is the only place for human Life?

If the dark energy is the force that causing the expansion of the Universe, So why this force is mysterious and not measurable? And why its conflict with the theory of the general relativity which describe that the gravity is not a force?

Many questions and questions needs explanations and answers which takes ages and tons of researches and explorations to provide these answers, and in most of the time might the answers will be still unknown, under study or assumptions.

We need re-evaluate the concept from logic point of the view as if we take each question from the above will end up with no sense answer.

The way of how the Universe is designed and created is much more advance than an explosion at the first point as explained in the Big Bang Theory, or the nature is behind all these events and activities in the Universe.

So what is behind this Phenomenon?

If we look closely, we will recognized that this massive space including the galaxies, planets, stars and other objects, the earth is formed a tiny object in this giant place, and we will recognize also that the earth is the only life and rich of resources in this giant place.

The Giant Sun is occupied to serve the earth and for human specifically, as the health benefits from the sunlight is unlimited such:

1. initiating the process of producing vitamin D in the body
2. supporting healthy bones
3. managing calcium levels
4. reducing inflammation
5. supporting the immune system and glucose metabolism
6. Lower blood pressure levels
7. release stores of nitrogen oxides

And massive other benefits of the sun [\(5\)](#).



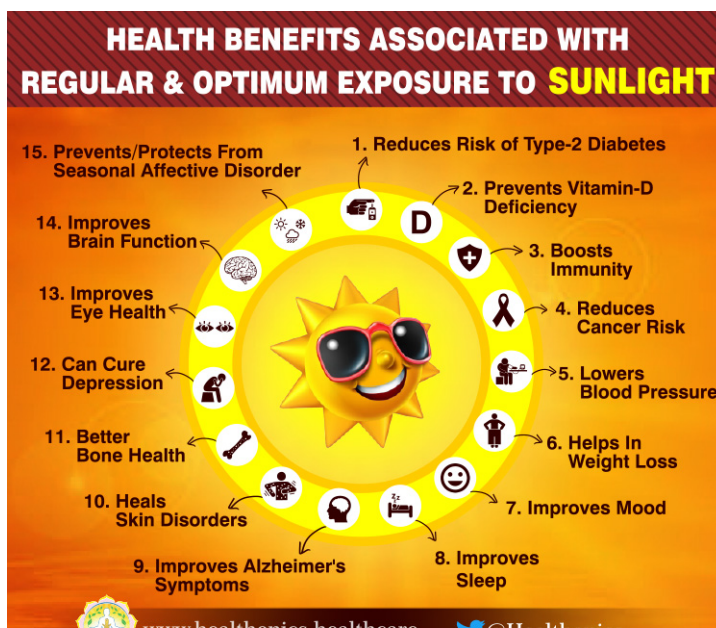


Figure 4. The Benefits of the Sun

Beside the four seasons in twelve months (365 Days), these seasons and the temperature is fit for life not as in the other planets, as it is not fit for human, either too cold (Freeze level) or too hot (Burn Level).

If we look at the moon, it orbits the earth and rotate around its Axis once every Month almost 27 days (6). From the faces of the moon we recognize the start and the end of each month which allows counting the number of years, and this is the main purpose of the moon Creation.



Figure 5. The Moon Phases

The Stars and the Planets can explain to us how each one of them has its own location, Diminutions, elements and behavior we cannot get two objects identical or similar and this is the beauty of this creation which allow us to think for a moment of this amazing design and creativity, the Stars shine because they are extremely hot. The source of their energy is nuclear reactions going on deep inside the star, planets do not have nuclear fusion, and they do not produce their own light. Instead, they shine with light reflected from a sun. When we look at the planets in the night sky, such as Venus, that called "Evening Star" we are seeing reflected sunlight.

Considering the Big Dipper (Group of Stars) and the Polaris which gives us the directions as they are always located on the north and never changed their location since the Universe creation or one of the stars disappeared or died (The supernova), compared to the death of the other stars.

Many other events, behaviors and activities in the Universe, some of them observed and some still under exploration which gives us a clear picture that the universe is not just begin in a single point or explosion, its much beyond that as it required so advanced designing, planning, connecting & locating, stability, continuity, execution processing, recycling and other elements which makes the Universe sustainable.

So the Big Bang theory is simplifying the Universe creation Process and kept it to the nature and the nature is managed by itself, and this is not a proper Validations and Analysis of these input data, as this Theory is ignoring all the required elements as mentioned above for the Universe Sustainability.

### 3.2 The Geocentric Model vs. the Heliocentric Model

From previous published paper “The Truth Behind The Solar System In The Universe” (7), I mentioned that one of the key factor that support the Heliocentric Model is the Sidereal day which it is proved not correct due several facts as explained in that paper, so below we will explain why the Geocentric is the correct Model of our Solar system.

Based on the current statistics, the earth rotate around its axis once every 23.9 Hours at speed of 1676.56 km/h, and the circumference of the earth is 40,074.16 km (8).

The Earth orbit the sun in 365.25 Days at speed of 107,280 km/h, and the circumference of this orbit is 940 Millions/km (9). Linking the above statistics, we realize that the earth is finishing a complete one rotation in 23 hours and 56 min, by -4 minutes every day of the length of the day which is 24 Hours. For example, if today the sun rise at 6 am at certain location on the earth, tomorrow the sun will rise at 6 am -4 minutes at the same location, same scenario every day by -4 min. Let's apply the explained fact in (3.1) to the heliocentric model as below in Figure 6.



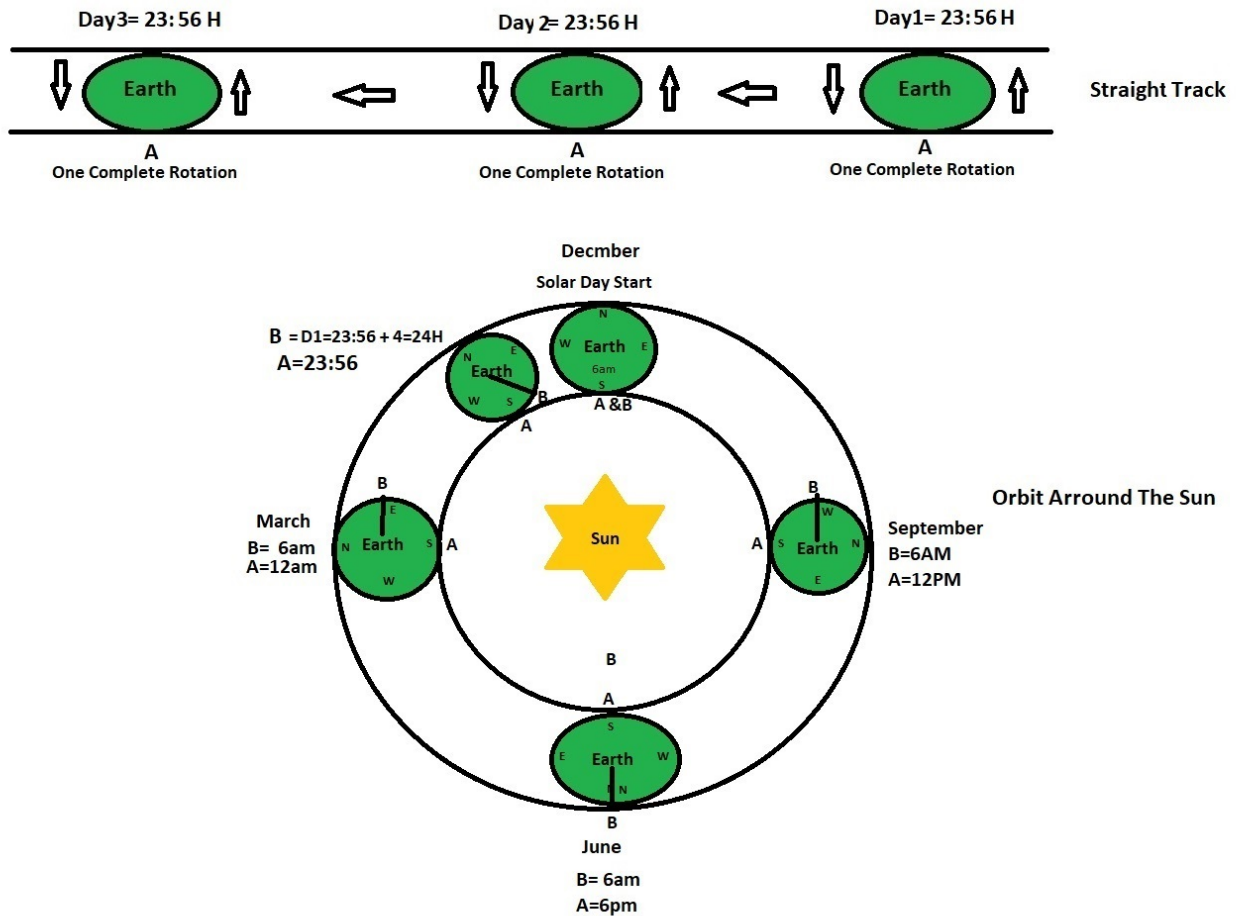


Figure 6. The heliocentric model.

If we consider the current solar system methodology that the earth orbiting the sun, we will end up with that at same location of the above example, the sun will rise some time at 12 am and some time will set at 12 pm, or some time will rise at 4 pm and will set at 4 am, Likewise onwards all the year, and this is never happened at the history of the human been or at the time of the earth creation. So the Heliocentric model is not applicable with the above data, as the earth speed not matching the day length (Solar Day), which is aligned with the sun rising and set, and led to 24 Hours duration as per to the time invention (10). Geocentric is the only model can match the above data and keep the balance for the day time (24 Hours), with + or - 2 to 3 Hours between the winter and summer in the average of the earth locations (Equatorial line for example). By applying the above data, the Sun will orbit the earth at the same circumference of 940 Millions/km at the same speed of 107,280 km/h which was considered for the earth (9). The earth rotates around its axis once every 23.9 Hours at speed of 1041 mph (1676.56 km/h) and the circumference of the earth is 40,074.16 km (9). To maintain the -4 minutes different of the rotation speed with the day length (24 Hours) the sun will move over its orbit:  $((107,280 \text{ km/h}) \times 23.9 \text{ h}) = 2,563,992 \text{ km}$ . So the earth rotation speed must be aligned with the sun orbit speed per day, And by applying the below equation: Earth circumference  $\times$  Sun orbit speed = Sun Daily movement distance  $\times$  Earth Rotation Speed. Applying the data to the equation: Earth Rotation Speed = 1676.74 km/h. And this is the recent record of the earth rotation speed. Figure 7 will explain the applied data.

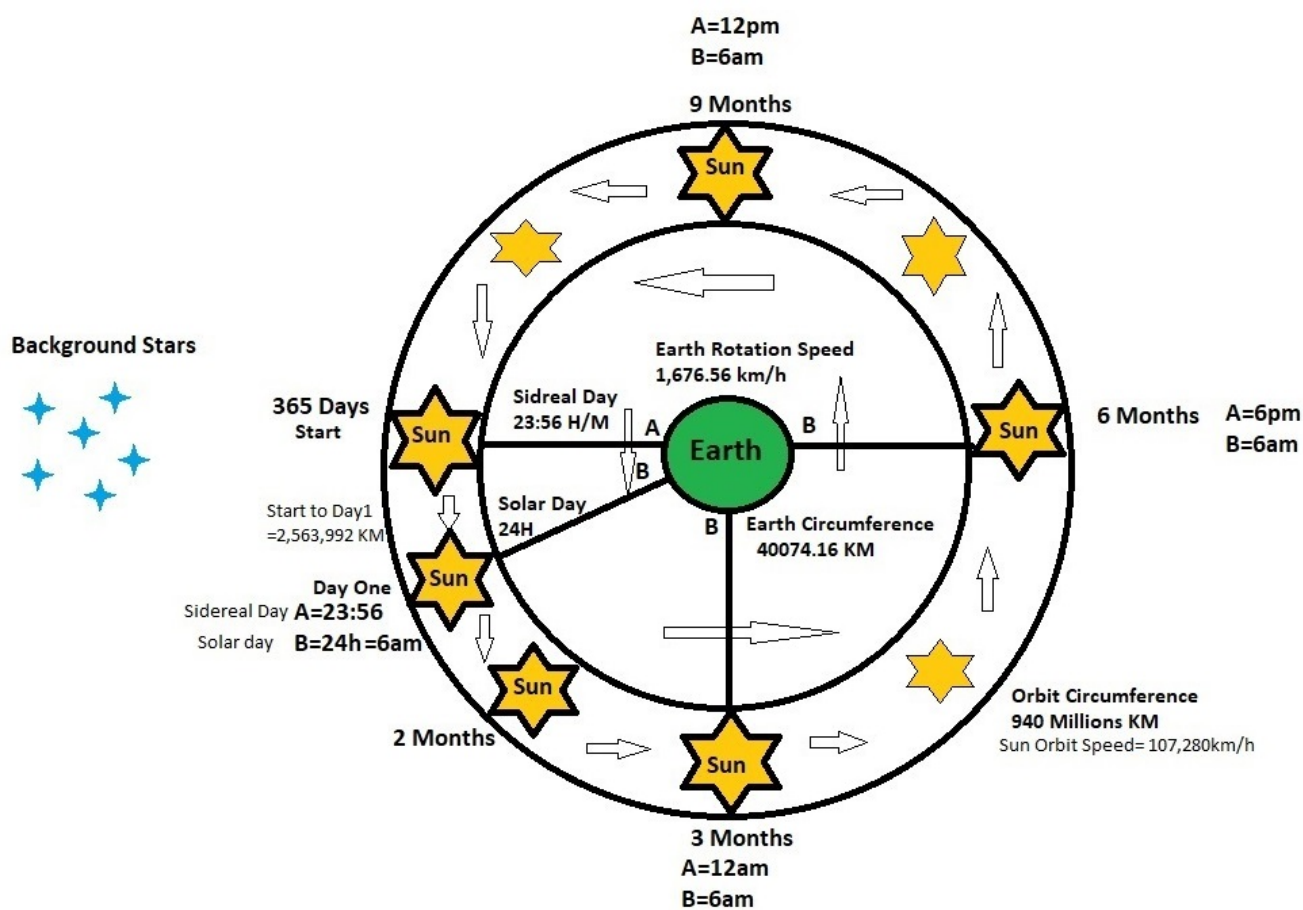


Figure 7. The geocentric model.

### 3.3. The Potential Energy vs. the Theory of General Relativity

The General Relativity is the current description of the gravitation in the modern physics as it is not as a force, but as a consequence of the curvature of space time caused by the uneven distribution of mass. The curvature of the spacetime is directly related to the energy and momentum of whatever matter and radiation are present. So in short, Einstein's Theory explained that each event and activity is related to each other and this is the fundamental of the classic physics especially in the Astrophysics.

As a conclusion in chapter 3.2, it's explained that the Geocentric Model is the accurate model and description of the mechanism of our solar system were the sun is orbiting the earth not the opposite and the earth has much smaller mass than the sun, so the The curvature of spacetime is not the cause of the gravity which makes the earth orbit the sun and likewise for the other planets.

And this is led us to the conclusion 3.1, that the creation stages of the universe as explained in the Big Bang Theory is not as a consequences of related events and activities in a sequence ages, Therefore the cause of this creation is more advance than it begin from a single point or explosion.

### 4. Research Conclusion

After the analysis for the above data, and the study conducted on the current state of Art in Astronomy and Astrophysics, we will list in this chapter the output of this analysis which will lead us to an amended model of the Universe:

1. The figure of Big Bang theory is not Valid as the creation of the Universe is more advance and require elements to get the results of what we have today, these elements include but not limited to advanced designing, planning, connecting & locating, stability, continuity, execution processing, recycling and other elements which makes the Universe sustainable.
2. Connecting Multiple data and the relations of several events led us that the Universe is adopting the Geocentric Model and this apply for the entire universe not limited to the Solar system and deep analytics study accrued in the other paper explained in detail how we got this result (7).
3. The Theory of General relativity is not applicable in the space time as with the above results, all the events and the activities in the Universe are independent.
4. Each object in the Universe such as Planets, Stars, Asteroid and others have their own Characteristics and Physics as the laws applied on particular object is not applicable on other unless physical experiments are conducted on that object, for example if we need to apply the physics laws of the Earth on Mars, we need to do the same Physics experiments on Mars Physically.
5. The water is the main source of life for Human and other creatures such as Plants, Animals and others. 70% of The Human bodies consist of water as well in high percentage for the others. And about 71% of the earth surface is water (11), and this percentage which keeps the balance of life. So the earth is significant because it contain water which is not available on the other planets along with the other resources of life such as Air.
6. The first object built in the Universe is the Earth and it's fully created in 4 Days including all the Layers, Seas, Oceans, Mountains, Elements, Sands, Rocks and other objects and well prepared to receive the Human kind as it include all the necessarily resources for Life.
7. After the creation of the Earth, Its followed by 7 Skies which built in 2 Days, the first Sky is the one surrounded around the earth and its include the Sun, Moon, Planets, Stars, Galaxies and other discovered Objects. The second sky and onward are out of human being reach and exploration.

## 5. Research Recommendations

As a result of all these analysis and the study conducted on the available data, the conclusion we got and the Universe model we explained. We acknowledge that the earth is significant and the only source and place for human life as it has the all required resources to survive, in addition the other objects in the space such like the sun and moon, they are assigned for human the only one who take the benefits of them, as well for the stars which gave us the directions from their fixed locations.

So all the events and the activities happened and happening in the Universe have direct impact on the Earth and specially on the human where we formed as a central influencers of this Universe, so we need at the end to come out with the recommendations on how should be the engagement of the coming researches and exploration in Astronomy and Astrophysics, what should be the priority in Science that reflect direct benefit on the human, so below I'll mention some of these recommendation which considered as a top Trends:

1. As a priority, the exploration and Researches projects shall be under one objective and goal, that what will be the outcome and the benefits of these projects and how they will have direct impact on the human and if they will return improvement on the life as it is the main concerned matter for the existence of Human.
2. Exploring the space is so dangerous and costly, whatever if the Science and Technology are advanced, the resources and budget are Available, it will be still high risk as the exploration will be on the environment not designed for human which will have a negative impact on these explorations as we need to adapt with this

environment which have different nature as what we have and used to live with on the earth, so most of these missions are subject for failure.

3. We need to Identify what is subject for learning, exploration and research, and what is not or not worth to carry the efforts and costs of these missions, as a priority is what will reflect benefit on Human as a main objective, so to list these projects based on the priority and to try always to minimize the expenditures which are not necessarily.
4. All the researches shall consider the Geocentric model as the base for Astronomy which create the road map of the exploration and studies projects for collecting the Information about our Universe, as this model will shortcut many analysis, answer many questions and correct many principals.
5. The Universe Creation details are not available to the human as all what been collected about how the universe is created are just an assumptions or based on theories most of them are not correct or accurate such like the Big Bang and all the studies followed, so if the foundation is not correct, all the results of the researches, the extracted laws and the exploration missions will be not correct or accurate also, we can judge what we discovered on earth as the human present the events happened or still happening, all the Earth activities are recognized, measured, figured, explainable and tangible because they are reached and lived by the human, they are designed to be understandable and usable, fit for purpose they created for and sustain the environment, so the nature of earth is the only place where we complete each other.
6. So as an objectives, the focus shall be on what can develop the earth from the environment prospective in terms of the nature elements such like the water, air, geographic components, the atmosphere layers, earth layers, plants, animals and other creatures. So instead of spending billions, sacrificing Humans, wasting significant knowledge, talents and resources, it would be grateful if utilizing and optimizing these elements on what are beneficial on human directly, the knowledge about the space and the universe we are belong to it is important and will have effect on us as human to know how the things work and connected, but this extreme un required efforts and costs makes the things complicated and led to more mysteries events and endless discoveries for limited stakeholders of these missions. To focus more on human relations and connections, improve the social life and economy, make the Earth peaceful for human. And this is the how we utilize these resources.

## 6. Summary

As a result, Space is so wide and every planet, star or any other object has its own rules, physics, chemistry and other sciences, as we cannot apply what we learned and practiced on the earth to another planet, star or space unless if the humans can live there and do the same learning path as what they did on the earth and come out with different sciences than what they produced on the earth. But human's capabilities only allow them to learn from the place they born and the events around them.

## 7. Conflicts of Interest

The author declares no conflicts of interest regarding the publication of this paper.

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