

# Draft Copy

## *The Greatest Experiment*

*A letter to various people simply discussing the general methods and approaches to learning and the process of experimentation with regard to the reception of Divine Love into the soul*

*Written By*

**Jesus (as AJ)**

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# *1. The Greatest Experiment*

## *Introduction*

My dear friends,

Some time ago, I began writing some material that I believe may be used in the future as a basis for the presentation of simple information about the material universe demonstrating proof of the existence of our Father. This information is quite simple and readily available and I have already presented some of it, but this information is not often taught, especially to children, so many persons grow up believing the evolutionary theories are facts, and as a result, believe that God does not exist.

Of course, true proof of God's existence can be easily obtained. All we need do is have a soul longing for his Love, and, if that longing is sincere and we have a desire to experience emotions, then our Father's Love will flow into us, and we shall feel it. Once we feel it, we then realize that God must exist, since we are feeling a sensation that comes to us from outside of ourselves, and that we did not have until we developed a longing for God's Love within our soul.

But due to the emotional injuries most people have developed from childhood that now reside within themselves, many people hesitate to try this experiment because of a concern about being misled or duped into believing something that they feel has the potential of being false, and so they prefer to remain in ignorance rather than accept a belief that can be demonstrated as falsehood. They would rather say; "I don't know", and be right, than to say; "I know", and be wrong. Such is man's lack of humility; his preference to be right overshadows his desire for investigation, and he often wishes to remain in ignorance rather than make an investigation that may turn out fruitless.

Because of this problem, many persons require at least some evidence of intelligence within the Universe before they will even demonstrate a little portion of faith that is required to begin sincerely seeking truth and asking God for His Love.

## *Approaches to Learning*

Within the methodology of computer programming, there are two basic approaches to developing software, and these approaches can be also used to determine the Truth's of the Universe, or what we call the Divine Truth.

### **Bottom Up**

The first approach to learning can be called the "Bottom Up" approach. This approach has many exponents because it is very modular, generally object oriented, and effective in its implementation especially when very large projects are undertaken. But it also requires much thought and care taken in the design of components or objects at the bottom level, because, if they ever need to be changed, then all of the components upon which their operation depends often also need to be changed.

You could liken this approach to a student who studies Biology having first to study the micro-organisms of life, then the macro-organisms, then the self-reliant organisms, then life dependencies, then the eco-system, then the biosphere. Using this approach, such a student, while studying at the level of the micro-organisms, does not really understand the relationships and the cause and effects within the eco-system for example. They are 'aware' of only that information they have studied, but generally remain completely unaware of the inter-relationships and the overall 'big picture'.

In a similar way, a computer programmer using the bottom up approach may never know what the final software product being produced by the programming team actually does, since he or she may only program a small component which fits into the entire structure.

Therefore individuals using the bottom up approach to learning often have incomplete knowledge and a flawed view of the project or area of study, because in their own mind there is no understanding of the interaction between each of the simple

components making up the whole. Often those who employ these programmers enjoy this state of ignorance, because from their point of view it assists secrecy; the programmers can complete the project, but very few of the programmers used may actually understand the purpose of the project.

Of course, God is not like this even though man assumes He is, and God wants man to know everything He has done. God has no desire for secrecy, and truth is the opposite of secrecy. Truth is openness, and transparency.

### **Top Down**

The second approach, logically, is the “Top Down” approach. This approach may use a set of “Bottom Up” components within its structure, but its focus is to define the tasks of the whole first, and then make the individual components fit that the whole. The programmer designing programs using a top down approach has a complete knowledge of the entire task to be accomplished by the software.

The student studying Biology, by presenting the study of the biosphere as a whole, from the top down, would perceive the biosphere as containing interlinked environments and organisms, and then, as they study further down the chain of the levels of information within, they understand how each organism fits into the whole.

### ***Learning Approach To Infinite Truth***

How do we go about applying this to the Truths of the universe? Well, you could say there are the same two methods of studying the truths of the universe.

### **Bottom Up Approach to Truth**

A person using this approach to study of the truths of the universe will usually study things in the following order.

- Step 1 - Truths about the universe
- Step 2 - Truths about others
- Step 3 - Truths about myself
- Step 4 - Truths about God

Now a person who seeks the truth by following this approach often becomes focused on Step 1, because, since the universe is infinite there will always be an unlimited amount of things to study. A lifetime can be spent on each area of study, and still only a small portion of truth is available to the student. There is an infinite number of subjects that can be studied, and so, when a person has completed one area of study to his or her satisfaction, which may take a lifetime in itself, they can choose another, and thus repeat this process at infinitum.

From the point of view of man, such a person who becomes an expert in his or her area of study is looked upon as a learned and educated person, someone to be looked up to and admired. They are “leaders in their field,” fountains of knowledge in their particular area of interest. And in fact, they are very wise and full of knowledge in that field, and can be admired for being so.

But the result for them often is there is very little time left over available for them to study the other areas of truth, and although the person may gain snippets of truth from these other areas throughout their life, often because they are forced to by events and situations, and although they may think they are very knowledgeable and resourceful, since the universe is infinite, at any one time in their progression of knowledge they actually know a very insignificant portion of the truth.

This is the method of study that most use, and, because of this, they miss out on the real truth and knowledge of the universe. They study the creation, rather than the Creator, and since they do not go to the Source of all things for information, they are limited by their own conception of truth.

### **Top Down Approach to Truth**

A person using this approach to study makes what others may call a wild assumption, that there is a God, and then attempts to contact that Source of knowledge for the knowledge of the universe. He or she then generally studies knowledge in the following order.

- Step 1 - Truth about God
- Step 2 - Truth about myself
- Step 3 - Truth about others
- Step 4 - Truth about the universe

Now unfortunately many using this method of study never come to a true knowledge at Step 1 (because they generally believe God to be a God of wrath), and generally attempt to skip Step 2 altogether (because it is a very emotional process, which is often times painful and criticized by others).

But it is true, and it has been my personal experience that, if a person faithfully follows these steps in their approach to seeking the truth, their growth in knowledge of the secrets of the infinite universe is very fast, and also, accompanied with that tremendous growth, is the overwhelming happiness knowledge of certain aspects of Divine Truth brings to the heart of man.

So, my suggestion to you is, if you are attempting to enjoy the secrets of truth using the “Bottom Up” approach, abandon that approach for a while, and experiment with the “Top Down” approach. Start from the point of view that there is a God, or that you expect there to be a God, and then work from that perspective. Those who have done this have found that the secrets of the universe have flooded into their consciousness, without the need for investigation, because, when God and His Love is first sought, all other things are added to you.

### ***Mans Character***

Like all truth, the truth of God’s existence is something to be felt if it is to be believed, and if by nature you are not feeling a person, you will naturally have difficulty believing. Divine Truth can only be understood by the soul, and the soul contains the emotional part of man.

Man is sometimes such a complex character, especially when he only involves his mind in a discussion, and not his feelings and heart also. When he does this, the mind will often dismiss things that are believed to be impossible, even before it has a chance to ponder upon the knowledge, and to experiment with the possibilities.

Those persons through the centuries who believed in things that others thought impossible also are the persons who were the leaders in science, technology and advancement. They did not accept the general knowledge of the day as the truth about a certain matter, but rather, had the attitude of seeking for more truth, and the derision and mockery of others did not prevent their investigation.

If a man in his heart does not want to believe, it does not matter how long one talks or demonstrates truth to such a person, they will remain firm in the inability to accept. It is only when they open their heart they begin to desire the examination of new information. For many men and women, while they are on earth, it will not be possible to convince them of the Divine

Truth of God's existence, even through the presentation of mountains of evidence. This untrusting state within them exists either from the emotions they feel within them, or from the programming they have received via their culture or environment.

Often such ones need to be left to their own devices, and when they pass from the material existence into the other dimensions of existence, they will die in this great knowledge of theirs that there is no God, and within a very short space of time, they will be forced to recognize that they themselves still exist, which is against all the precepts and philosophies of men who do not believe in God. At that time, because of their continued existence, often they feel they must accept the existence of God, and sometimes such a person is then very willing to demonstrate a further desire to come to know and understand God.

### *Scientific Experiment*

As I have said many times before, developing emotions of longing for Truth, and emotions of longing for God's Love will result in such Love coming into the individual, and as a result, it will be proven personally to such a person that God in fact does exist. This is the greatest scientific experiment man can undertake, and, of all experiments, it is the one that has the most certainty in its outcome.

However, since many of those who pride themselves in their own knowledge do not allow themselves to make such an experiment for emotional reasons they refuse to examine, often we must focus our efforts on attempting to help such ones come to the emotional state where they feel they are able to at least try the greatest experiment. To do this, often we need to discuss the things we can see and touch in the material Universe, and when the truth about these things touches their heart, then they may begin the greatest experiment.

### *The Bible*

In addition, a discussion regarding the potentiality of God's existence often includes examining many of the sayings contained within the Bible and the other Holy books, since many persons who do not believe in God quote things from these books as proof that God does not exist (since such books contain many illogical and unbelievable sayings).

Although there are many truths contained within the 'Holy' or religious writings of man, many of the things contained within the Bible and within the other books described to be of a Holy nature are not the Word of God as claimed by the exponents of these writings, and as such cannot be relied upon either as proof for or against the existence of God. One must often look elsewhere for the supply of such evidence.

### *Evidence Presented*

Just as the universe is infinite, so there is also infinite evidence of God's existence. Man in his material or mortal frame cannot see this evidence in almost all cases, and so he says he cannot believe.

But the same man believes the wind exists, something that cannot be seen, and he says that he believes because he can see its effect and can feel it (or touch it), and feels he understands the causes of such an effect. In the wind, simple and yet unseen, he believes because he sees its force, and, in believing, conceives its cause, and the knowledge of its cause always requires intelligence.

Other forces more complex but visible to the naked eye (such as the human body) he actually sees and touches, and does not completely understand and he does not conceive the cause, so, instead of believing that even more intelligence than he has is required to understand, he says it (the human body and other visible evidence of intelligence) arrived without an intelligent cause, a product of chance.

So much for the saying; "If I see, I will believe," because there is much a man does not see, but believes in a cause that requires intelligence to deduce, and much the same man sees, but believes its cause to be without intelligence occurring only by chance.

So we will discuss a few things only regarding the existence of God, and, if these things, added to all the evidence surrounding a man, cannot convince the man to try the experiment and see if God does exist, then at some time in his future he will be convinced, and hopefully then he will remember to examine the spiritual truths.

### *Cause and Effect*

Any discussion regarding cause and effect as it is observed by man in this material world is an over-simplification of the operations of the universe, since there is much that happens in the universe which cannot be seen by man, but which causes a result that can be seen and observed by man.

Since man can see by his previous experience that many things he now knows he did not know in the past, it can be assumed (and accurately so) that he currently does not know many things that he will come to know in the future. So, in fact, the worst thing a man can have is a mind closed to the fact that growth is always occurring, even in his own knowledge and experience. A scientist or mathematician that does not have this viewpoint has really ceased to become a scientist or mathematician, and instead has become the same as any religious person who refuses to accept that more truth exists, they have become engrossed in the 'religion' of science.

For most events, man can only assume the truth of their cause, and does not actually know the truth, or may feel unable to believe anything else until some other cause which becomes known is shown to demonstrate the cause.

So at best, any analysis of cause and effect from mans perspective is spurious, as man would acknowledge if he was completely honest with himself, since there is so much that a man cannot see, either with the naked eye, or with measuring instruments currently known to man, and this can be demonstrated by his own history of advancement.

Now it naturally follows that, since the material world appears infinite to man, and that there are things that exist that are presently completely invisible to man within this material world but which he assumes to exist by their effect, there is a high probability of universes or worlds that are completely invisible to man. In fact, such universes have been demonstrated to exist by prominent mathematicians. Since these worlds are probably infinite, as far as it is known to man, then it must also be assumed that the list of what man currently does not know is also infinite, both of things visible and invisible.

If within these worlds, either the material that man can see, or the invisible which man cannot see, the cause for every happening was a random chaotic event as proclaimed by those who believe that everything came about by chance and not an intelligent cause, then man should see as a result, a universe that is completely chaotic, from the smallest of the particles he can measure, to the largest of the galaxies he can see.

In such a world, when he applies heat to a container full of water, sometimes it would boil, other times it would remain cold, and in others, it would freeze. Sometimes that water would taste like water, sometimes like wine, sometimes like fruit, and sometimes like acid and so forth. Since the world he proclaims to exist should be chaotic, then in every event, and in every substance, chaos would exist.

But the truth is, man keeps looking into the unseen, either down in size to the things he thinks are the smallest things of the universe, or up in size to the largest, and as it becomes seen, he sees order and design, the opposite to chaos.

And since there is a truth that can be determined, and that is, an effect must have a cause (or, of course, a combination of causes), whether that cause is (or combination of causes are) visible or invisible to man, the only result or answer to the question of how this design came about can be that there is a Designer, and this Designer maintains harmony within His universe.

Unregulated growth could never achieve anything but randomness and chaos, which is not what we observe in 'nature'.

### *Some Simple Mathematics*

Most of the following information has been obtained from a web site created by Ron Knott, and you may find the information on his web site; <http://www.mcs.surrey.ac.uk/Personal/R.Knott/Fibonacci/fibnat.html>. Mr Knott has done a lot of work compiling the mathematical and natural appearances of what is known as the Fibonacci series of numbers. Most of the text, and the images presented below come from his web site.

The "greatest European mathematician of the middle ages", as claimed by some, was Leonardo of Pisa, or Leonardo Pisano in Italian since he was born in Pisa (Italy), the city with the famous Leaning Tower, about 1175 AD. He called himself Fibonacci [pronounced fib-on-arch-ee or fee-bur-nutch-ee] short for filius Bonacci. Some think he did this because Fibonacci is a shortening of the Latin "filius Bonacci", which means "the son of Bonaccio", since his father's name was Guglielmo Bonaccio. If you search the Internet you will find much more information regarding the man.

It is claimed by some that he was one of the first people to introduce the Hindu-Arabic number system into Europe - the positional system we use today - based on ten digits with its decimal point and a symbol for zero: 1, 2, 3, 4, 5, 6, 7, 8, 9, 0. His book on how to do arithmetic in the decimal system, called Liber abbaci (meaning Book of the Abacus or Book of Calculating) persuaded many European mathematicians of his day to use this "new" system.

The book describes (in Latin) the rules mankind now learns in basic schooling for adding numbers, subtracting, multiplying and dividing, together with many problems to illustrate the methods. But, it also describes in one chapter a series of numbers, which he took from Indian scholars, who had long been interested in rhythmic patterns, and it was the French mathematician Edouard Lucas (1842-1891) who gave the name Fibonacci numbers to this series and found many other important applications of them.

The series is:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987 etc.

As you may be able to see, the next number in the series is constructed from the addition of the two previous numbers.

Also, related to these series of numbers is the Golden ratio, Phi. To calculate an approximation of Phi, you choose a higher number in the series, and divide it by the number preceding it.

$\Phi = 987 / 610$ , or approximately 1.618.

And the inverse of Phi is phi, which is:

$\phi = 610 / 987$ , or approximately 0.618

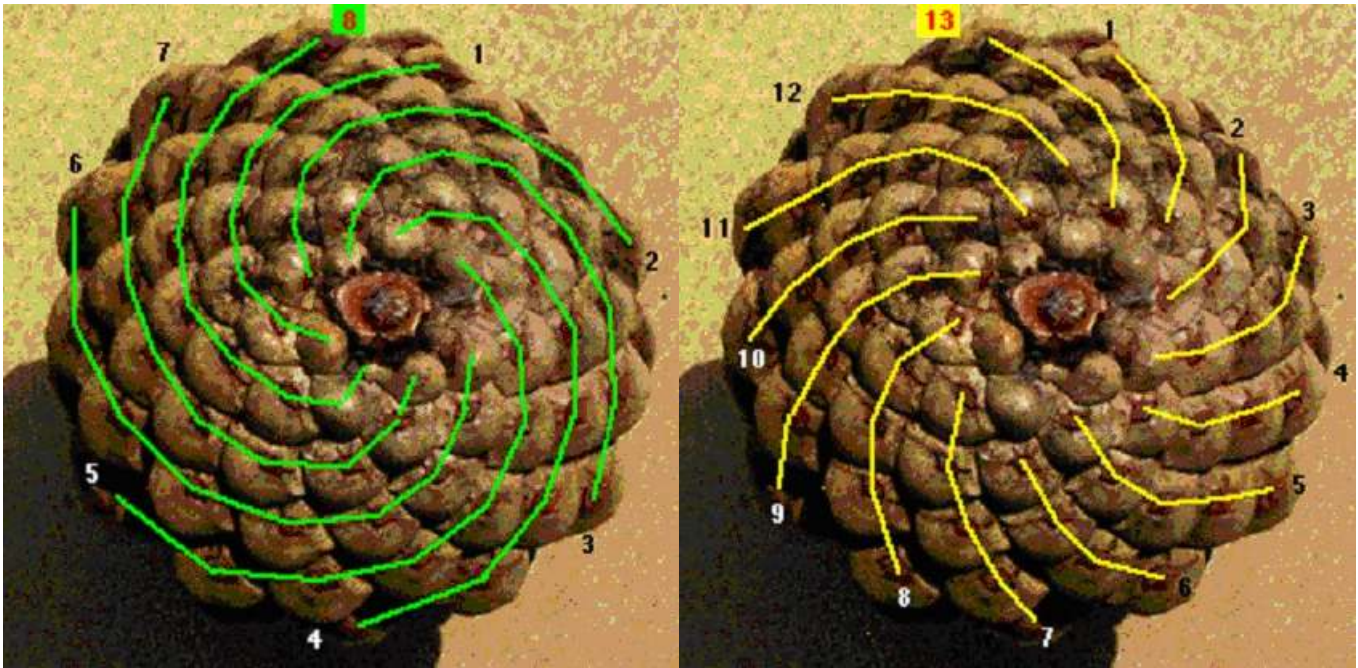
Both Phi and the inverse of Phi (phi) are often called the Golden Section numbers. They are mathematically unique numbers, in that  $1 + \phi = \Phi$ , and  $1/\phi = \Phi$ . But they are also unique and highly present numbers in the material universe.

### *Mathematical Progressions in Creation*

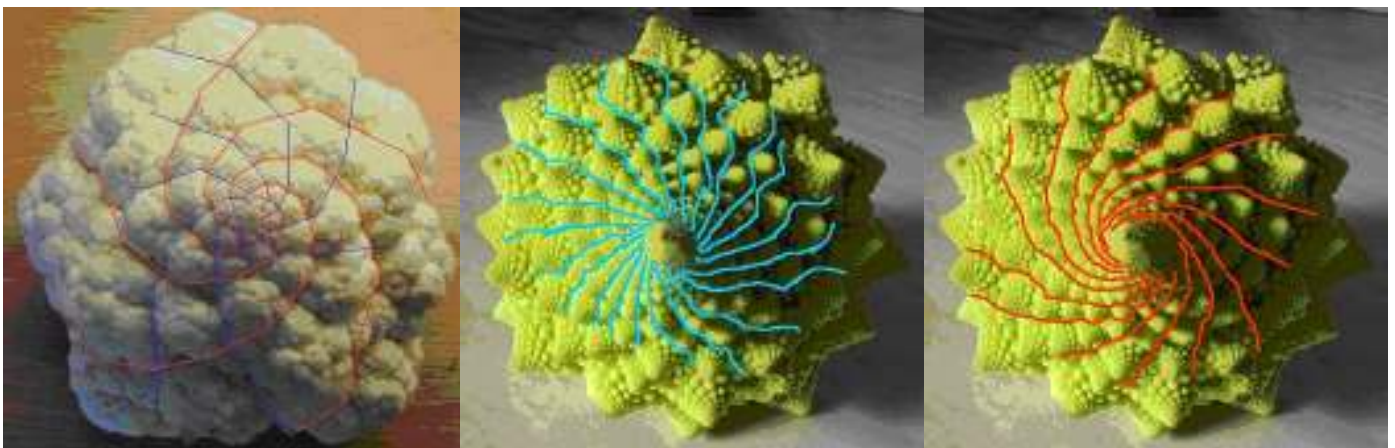
So what does all this have to do with belief in God? Well, these numbers, as well as many other numeric sequences, continually appear in what man calls nature, but what I call Creation.

### The Pinecone

The spirals of a pinecone have a clockwise rotation, and an anti-clockwise rotation, and in both cases if the number of spirals is counted in each rotation, each count will be a number contained within the Fibonacci series of numbers (8 and 13). The same principle applies to a pineapple as well, but the numbers of spirals are 13 and 23, still numbers appearing in the Fibonacci series.



### The Cauliflower and Romanesque Broccoli/Cauliflower



For the cauliflower, the spirals are 5 and 8. For the Romanesque Broccoli, the spirals are 13 and 21.

## The Coneflower

Petal spirals are 34 and 55. The sunflower seed arrangement is similar, but with the numbers 55 and 89.



## Seed and Flower Heads

Each new seed is just phi (0.618) of a turn from the last one (or, equivalently, there are Phi (1.618) seeds per turn).

What God has used is the same pattern to place seeds on a seed head as He used to arrange petals around the edge of a flower AND to place leaves round a stem. What is more, ALL of these maintain their efficiency as the plant continues to grow and that's a lot to ask of a single process, and all of these relate to the Phi, or the Golden Rule.

The amazing thing is that a single fixed angle can produce the optimal design no matter how big the plant grows. So, once an angle is fixed for a leaf, say, that leaf will least obscure the leaves below and be least obscured by any future leaves above it. Similarly, once a seed is positioned on a seed head, the seed continues out in a straight line pushed out by other new seeds, but retaining the original angle on the seed head. No matter how large the seed head, the seeds will always be packed uniformly on the seed head.

The arrangement of leaves is the same as for seeds and petals. All are placed at 0.618034.. leaves, (seeds, petals) per turn, and this single fixed angle is Phi.

If there are Phi (1.618...) leaves per turn (or, equivalently, phi=0.618... turns per leaf), then we have the best packing so that each leaf gets the maximum exposure to light, casting the least shadow on the others. This also gives the best possible area exposed to falling rain so the rain is directed back along the leaf and down the stem to the roots. For flowers or petals, it gives the best possible exposure to insects to attract them for pollination

### **Plant Growth**

Many plants show the Fibonacci numbers in the arrangements of the leaves around their stems. If we look down on a plant, the leaves are often arranged so that leaves above do not hide leaves below, and the angle of rotation is based upon phi.

### **Petals on Flowers**

3 petals: lily, iris (Often lilies have 6 petals formed from two sets of 3)

5 petals: buttercup, wild rose, larkspur, columbine (aquilegia), pinks

8 petals: delphiniums

13 petals: ragwort, corn marigold, cineraria, some daisies

21 petals: aster, black-eyed susan, chicory

34 petals: plantain, pyrethrum

55, 89 petals: michaelmas daisies, the asteraceae family.

Some species are very precise about the number of petals they have - eg buttercups, but others have petals that are very near those above, with the average being a Fibonacci number.

### **Appearance of Spirals**

Spirals of a similar nature appear within flower petals, plant leaves, plant branch growth, animal reproduction, the unborn child, human body growth, seashells, hair curls, hurricanes and galaxies. The above information just scratches the surface.

### ***Summary***

This leads to larger final issues, which Einstein expressed as the question, "How is it possible that mathematics, a product of human thought that is independent of experience, fits so excellently the objects of physical reality?" If you think that everything around you is chaos, then you need to reconsider, because everything from the microscopic to universal aggregate is striving toward simple and beautiful geometric patterns, striving towards complete order.

Man has discovered, and is continuing to discover, mathematical beauty in the world around him. He can drill down into the smallest thing that he can see, or look upwards to the largest thing he can conceive, and in it all there is order and design.

The presence of these mathematical series in creation, because of the order and design, can only suggest an intelligent Designer. A Creator does exist, and this Creator is intelligent, infinitely more intelligent than man, since man understands an infinitesimal portion of the universe this Creator has made.

*The Greatest Experiment*

If the physical universe is striving towards order, could not it also be the case that the other parts of the universe, not seen by man, the spiritual and soul parts, the other dimensions proven by mathematics to exist, are also striving towards complete order and harmony, not just in a physical context, but also in a moral and spiritual context?

Would it not make sense that if we desire to know the truths about these things as yet unseen by the eyes of most people in the material world, our highest priority should be to find out how to go about contacting the Source of such things, the Creator of this universe?

To contact Him, all we need do is have a soul longing for His Love, and, if that longing is sincere and we have a desire to experience emotions, then our Father's Love will flow into us, and we shall feel it. Finding God is simplicity itself, so simple in fact that the majority of mankind, mortals and spirits, overlook the only method we have of ever finding Divine Truth, which is made possible by two things; the sincere desire of a man to seek for and feel God and His Love (which we call Prayer), and the overwhelming Passion of God to give all His Children His Love, and have all of His Children come to know Him and experience the joy and happiness of Living in His Love.

This is the Greatest Experiment, and when any person tries it, the experiment often begins tentatively, but ends in complete certainty. God is Reality, and the Love and Truth that comes from Him is Real. When we try the Greatest Experiment, we at that time also begin to live in Reality.

So my brothers and sisters, live in Reality, in our Father's Love, seek for it, and desire it above all else. Seek first His Love, and all the other things will be added to you.

Although the contents of this message may be well known to you, I hope that you have enjoyed a reconsideration of this information.

With love from your brother

AJ