#### God's Handy Work In Our Bodies...

6. What does the creation of the human body tell us?Read Genesis 2:7. Compare Isaiah 64:8 and Psalm 139:14-16.

The human body has the same amazing evidences of ingenious design, coordination, adaptation and creative forethought that we see in the earth and the heavens. Consider the wonders of the body: The living cell, the heart, the brain, the eye, the ear, the hand. The senses of touch, taste and smell. The nervous system, digestive system and circulatory system. The miracle of reproduction and growth. The body's amazing defence and healing mechanisms.

So let us ask for the last time: Could these marvels of creation have made themselves?

7. What Does God ask us to do with the evidence? Isaiah 1:18a.

So what will you do with the evidence? It cannot be ignored. It demands a rational explanation. They have come into existence either by divine design or by cosmic chance. The evidence points us to a Divine Designer and not to chance...

The apostle Paul sums up the evidence for God in these decisive texts: Hebrews 1:2, Colossians 1:16-17 and John 1:1-3.

Read Hebrews 3:4 and examine the evidence on our insert relating to Q4.

After looking at the evidence, can you find any fault with this conclusion?

I accept that the world did not come into existence by chance. I accept that God Himself designed and created the worlds.

All Bible texts quoted are from the King James Bible

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## **Search the Scriptures**

# God's Hand In Creation

HIGHER LEVEL MINISTRIES Let this mind be in you, which was also in Christ Jesus Philippians Chapter 2 verse 5

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Have you heard the story of the watch that made itself? Late one night Joe woke up with an uneasy feeling that something unusual was going on in his bedroom. Lying there, he could hear noises, so reaching for his torch, he shone the beam towards the noise. Joe's eves bulged. What seemed like a miracle was happening on top of the table! Scattered across the table were parts of a watch but the curious thing was that they were moving about as if they were alive! The case of the watch was lying face down, and all the parts were scrambling into the case and resting in just the right position, as if directed by some invisible intelligence! Joe watched openmouthed, as the mainspring, hairspring and balance wheel all jumped in, and adjusted themselves with perfect precision. Then the smaller cogs, wheels and plates appeared, all in the correct order, taking their place. Next all the screws jumped in and screwed themselves into place. The back cover clicked itself on with a sharp snap. Then with incredible ease, the whole watch flipped itself over on it's back. The face, hands and glass fitted themselves expertly into position. Finally, the watch gave itself a few brisk winds, and began a rhythmic tick-tick-tick... Do you believe this story? It doesn't make sense, does it? Yet such a fantastic impossibility that a watch made itself would be a small miracle, compared with an eye, or an

ear, or a heart, or brain or even a universe that made itself!

## Let's begin...

What evidence is there for God's existence, and where do we find it?

In this lesson we will study some of the plainest evidences of God, which we will call "God's handy work in Creation". This evidence is available to every man who is willing to use his eyes, ears and rational powers as we study God's word.

#### **Cosmic Chance or Divine Design?**

**1.** An Atheist, A Believer, An Agnostic, An Enquirer... Which of the above categories currently fits your belief system and why?

An Atheist is a person who doesn't believe in any God. A Believer is a person who believes in God but may not be able to explain why. An Agnostic does not believe there is enough evidence for God. An Enquirer is someone who is looking for evidence to believe or not to believe. 2. Read Hebrews 3:4 - What does this text convey to us?

#### The Bible Account Of Creation...

3. So how did God create/ build our solar system? Genesis 1

Though God has not revealed Himself to our senses, by speaking audibly to us, or revealing Himself face to face, or allowing us to touch Him. He has not left us to grope blindly in confusion and doubt, without any evidence of His existence.

## God's Handy Work In The Earth...

Read Job 12:7-10. Compare: Isaiah 40:12 & 41:19,20 and Psalms 8:3 & 95:4-6

4. What does God ask Job to do?

All around us, in earth, sea and sky, there are countless evidences of order, beauty, accuracy, adaptation and intelligent planning. Consider these marvels of creative design: The beauty of flowers, the butterfly's wings, a snowflake crystal, a spider's web or a bird's feather. The marvellous mechanisms and instincts of the honey-bee, the miracle of bird migration or the bat's ingenious "radar" system.

Now let us ask: Could these wonders of creation have made themselves?

### God's Handy Work In The Heavens.

Read Psalm 19:1-3, Nehemiah 9:6, Isaiah 40:26 and Psalm 138:8

5. What do they all have in common?

In the heavens above us there are the same evidences of pattern, order, beauty, accuracy and apparent purpose which we see in our own world - only magnified to a breath-taking degree. Consider these wonders of the starry heavens: The enormous sizes, weights, speeds, numbers, distances and temperatures of the billions of planets. The precise calculation and co-ordination of their weights, motions, speeds, and orbits. The perfect synchronisation and clock like regularity, all maintained in a state of harmony by constantly operating laws and controls.

Let us ask again: Could these marvels of creation have made themselves?

7. A Bats "Sonar"...

Bats have been called: "Mystery mammals of the Twilight." And they are mammals because although they can fly they are not birds. Bats wings are made of a thin membrane. Un-feathered, they are nevertheless admirably equipped for flight. The element of "mystery" about the bats is related especially to their ability to fly with the utmost



dexterity and confidence in complete darkness. This they do not only in the outer world at night but inside the earth through miles of subterranean caverns, which they negotiate with the greatest of ease in total darkness without collision!

It is only since the advent of sophisticated electronic devices, that much of the mystery of the bats phenomenal navigational prowess has been cleared up. It is now known that they do not need to depend to any great degree upon sight. Bats "see" and find their way with their ears! When in flight they rely upon inbuilt "sonar" or "echo-location" equipment. Continually, as they fly, they are emitting high-frequency sounds, or squeaks. These sounds travel out rapidly, strike objects, and rebound. From the time it takes from a mission to rebound (i.e. reception) the bat can tell how near, or how far, an adjacent object or obstacle may be.

Who built this amazing "sonar" equipment into the bat? Who endowed him with the instinctive ability to use it with such dexterity?

It could not possibly have been a slow piece by piece development over long ages of time. It had to be a complete package from the beginning. To make possible the bat's survival, all parts of its complex array of precision equipment must have been fully-developed and fully-operable from the first moment of this amazing creatures existence!

These are just a few of the thousands of marvels and mysteries of the natural world, whose only satisfying explanation is "God." They cannot rationally be attributed to "chance."

For further consideration: why not look at the Chameleon, the arterial system, the bombardier beetle or even the eye.

These are just some of the wonderful aspects of creation that could not have happened by chance. Each individual part needed to be created all at once and not bit by bit over millions of years.

## **Did You Know - Part 1**

#### 1. Butterfly Beauties...

Many butterfly species are so beautiful that they have been called "living rainbows" or "animated flowers." Colourful and fragile, their delicate structure and exquisite colouration are awe-inspiring, it's only under a microscope that their richest glory unfolds. In many cases, their wing-colour is not "pigmented colour," but "structural colour." Their wing-surfaces are composed



of tiny, over-lapping scales, like tiles on a roof, whose surfaces are grooved or striated. Thus, each scale is a miniature spectroscope, with the power to "refract" or "splinter" light, i.e. To break light up into it's colour-components, or "spectrum." This "splintered light" registers on our eyes as vivid colour, ranging over a wide variety, and often glowing as if it were luminous, or phosphorescent. Small wonder, then, that butterflies have been called a "living rainbow." The microscope shows, that in fact, that is what they are!

Who but God could design, create and perpetuate these "living rainbows?"

#### 2. A Bird's Feather...

Anyone who picks up a birds flight-feather, or "pinion," holds in his hand a miracle of creative engineering. It is a miracle of lightness and strength; flexibility and adaptability. It is composed of a long, hollow, tapering "shaft," or "mid-rib." Jutting from the shaft on either side are the main branches, called "barbs." These "barbs" are composed of smaller



fronds known as "barbules," and these in turn, have rows of tiny, hook-like twigs called "barbicels," which cling tenaciously to the "barbules."

What is the purpose of this intricate structure which, when closed, is like a tight "web," or fabric, which can open instantly, like a miniature venetian-blind, to let air through? As well as providing covering and insulation for the bird, the pinion-feather's main function is to enable flight.

As the wings make their strong, downward-forward thrust to propel the bird, the flexible feather - web or mesh remains tightly closed. But as the wing is raised swiftly for the next downward beat, the feather-mesh automatically opens, so that resistance to the air is minimised. This rhythmic operation has been called "one of the most ingenious "valveactions" in nature. Obviously, it has been designed by a Divine Craftsman! 3. Snow Crystals...

Another fabulous natural wonder is the snowcrystal, whose exquisite beauty and intricacy are also revealed by the microscope. Composed of minute, frozen water-particles in the remote heights of the upper atmosphere, the snow-crystal is not a formless, haphazard, unstructured ice-shard - it is a miniature crystal cathedral of classic beauty!



The primary structure of this crystal when fully formed, is always a hexagonal or six-pointed star, with precise and unvarying angles. However, the secondary design details vary through an almost infinite range, for no two snow-crystals, with their delicate, lace like feathery fronds, have ever been found alike. Wilson Bentley, who, with the aid of a microscope and a camera photographed many thousands of individual specimens, and probably did more than any other man to research and popularise the snow-crystal - but found no two snow crystals to be exact duplicates!

Where could this exquisite miracle of amazingly consistent, geometric design have come from - but from God?

#### 4. Bird Migration...

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#### 5. A Spider's Web...

The industrious spider is an extraordinary creature. Not only is he a skilful design engineer but, in one species, he is also a marine engineer of fantastic ability! For conventional web building, the average spider has web-producing mechanisms and construction skills of the highest order. The familiar orb-web, whether large or small is a miracle of



complicated geometry, precise engineering and amazing tensile strength. For underwater web manufacture, the same type of production glands and mechanisms are used by the water spider, but a very significant plus must added. Instinctive abilities must now come into play that will impel and enable the spider to live in an unnatural environment. First a closely woven bell-like "tent" of web must be built under the water, and anchored there. Second, water bubbles must be caught on the surface, and carried down and released under the "bell-tent," until it is filled with air. Then the spider must rear it's family in a submarine environment! Yet the water-spider does all this with expertise of a professional, who carries a set of detailed instructions in his briefcase!

#### 6. Beehive Marvels...

The honey-bee is an endless source of wonder. Such precision, group loyalty and tireless effort is manifest among bees that the hive has been called an insect city. Two skills that have captured the public imagination are associated with directionfinding and cell-building. These operations require both superlative mathematical and geometric skills,



neither of which need to be learnt by the honey-bee. Direction finding/giving takes the form of the intriguing "waggle dance" of the scout bee involving an elaborate and sustained "waggling" of the abdomen while the bee is on the surface of the comb. The "waggle dance," conveys accurate information to the hive concerning the new-found nectar supply. So intricate and precise is this communicative ritual that it seems to require the employment of some highly sophisticated forms of mathematics! An incredible degree of geometric and engineering is also employed in cell design and building. The shape, size and angles of the paper thin cell walls are such that maximum strength, lightness, capacity, durability and insulating quality are secured, yet with minimum use of building materials and hive space... Who taught the busy worker bee have mathematics and geometry and her economics?

#### **God's Heating System - The Gulf Stream**

By the way, these tides and movements of water have been in perfect balance to contribute to mankind's comfort. I think of the mighty Gulf Stream, for instance. We don't know everything about it, but we do know life in the United States would be almost impossible were it not for the fantastic influence of this great stream. It comes out of the Gulf of Mexico, goes along the eastern seaboard, and up into the northern sections of the world. It is like a river, flowing through the midst of the sea, and can be seen distinctly from high above because of its different colour.

In fact, this river is about 70 miles wide and nearly 3,000 feet deep. When it leaves the Gulf of Mexico, the water temperature is 84°F., and off the coast of the Carolinas it is still a warm 80°F. This warming influence actually makes the northern coastal regions of America and Europe inhabitable; otherwise, they would be frozen wastelands.

Now notice what happens as this warm river reaches the entrance of the Arctic region at Baffin Bay, where it meets a frigid polar stream that is rushing southward. As a result of the titanic collision of these two giants, the polar stream is forced to dive down thousands of feet, where it continues its southward course, coming up finally in the West Indies during their hottest season, thus cooling down the terrible tropical heat. The Gulf Stream gets deflected eastward, going up along the British Isles, making these habitable.

It was in God's plan for this to happen. I don't believe for a moment that all this happened by chance or accident. Without that deflection of the Gulf Stream, some of those northern lands would be locked in eternal winter. Surely God was behind the entire plan.

#### **The Conclusion**

The conclusion is that God anticipated the needs of His creatures and made them with every necessary apparatus. How thankful we ought to be that God can supply all our needs in advance. The Bible says the fool hath said in his heart, "There is no God." Only a God of love and power could have made the marvels we see about us. And if He cares for the tiny animal world, He cares for us, too, and He wants to save us to take us to a place where nature will be in perfect balance. He wants to take us at last to a place where nature will be in perfect balance again and where all of the curse of sin will be forever removed.

## **Did You Know - Part 2**

#### Watering the Earth — God's Miracle

Now let's see how intelligence and design came into the ratio of land and water. One-quarter of the earth's surface is dry land, and three-quarters is covered with water. In the United States alone we have three and three-quarter million square miles of dry land, and all of it has to be watered and cared for. In fact, if it weren't watered, there would be no vegetation and no growing grass or trees. Just imagine for a moment that the ratio of land and water was changed from what it is at present. The proportion of water and land determines the rainfall on the earth. Suppose the ocean was only half it's present size. That would mean our rainfall would only be one-quarter of what we now receive. What would that mean for the three and three-quarter million square miles of land we have in these United States? All of it would be turned into a vast, dry desert! But on the other hand, if half the present land were added to the ocean, there would be four times as much rainfall as there is now, and the entire United States would be turned into a vast marsh land where human life would be almost impossible.

Now suppose that mankind had to water this entire three and three-quarter million square miles of land. How could we ever spread out that water and irrigate the land effectively? What a tremendous task that would be! "There's plenty of water in the ocean," someone might observe, "we could simply use it to water the dry land." Although it may sound reasonable, there are three problems connected with it. First, transportation. We'd have to get the water out of the ocean and spread it evenly over the land. The second problem is the salt it contains, which would kill all the green plants. The third problem is weight. Water is 800 times the weight of the atmosphere, presenting the challenge of how to transport and disperse it.

#### **God Solves the Weight Problem**

How has God solved the weight problem? First, He uses heat. We know heat expands things and cold contracts them, and that water is the material most subject to expansion. In fact, when turned into steam, it becomes 1,600 to 1,700 times its original volume. Remember, though, this water is 800 times heavier than the atmosphere. But God simply sends down the warming rays of the sun, turning the water into a vapor that is 900 times lighter than water. Now it is one-eighth times lighter than the atmosphere. So this vapor is easily lifted up out of the ocean, carried into the sky—perhaps miles into the air—and formed into great cloud masses...

The second problem is deadly salt, but God simply evaporates the water and leaves all the mineral deposits and impurities behind. Taken up into the clouds, the water is sweet and soft, perfectly adapted to irrigate the earth.

#### No Sprinkler System Like This

What about the third problem - transportation? The water that is lifted up is still hanging over the ocean, which doesn't need any more water. God sends along winds to blow the clouds and spread them out over the dry land area where it is needed. But how to get all the water down out of the clouds? Here is another wonderful miracle. Cold will contract, of course, so when the clouds pass over the mountain peaks, the cold air reaches up and begins to cool those clouds, turning the vapor into a condensation of moisture.

Now consider what would happen if the clouds gave up all the water they contain at one time—it would flood the entire surface of the earth with three feet of water! Therefore, the cooling process must be gradual. For example, if the temperature of the cloud is lowered by 9 degrees, it will drop half its water! So God arranges for a gradual cooling process to let the rain come down in gentle to vigorous showers to provide the amounts needed to revive the earth. What an incredible process! Of course, some of it rains back into the ocean, but it is needed there to provide the necessary amount of oxygen for fish living in salty ocean beds.

Did you know that these great facts of nature were all known and understood long before the scientists and naturalists discovered them? Ecclesiastes 1:7 is a most interesting verse. "All the rivers run into the sea; yet the sea is not full." Why not? The text continues to give the answer. "Unto the place from whence the river comes, thither they return again." The Bible says the reason the seas do not overflow is that the water is taken up again and returned to where the rivers come from. And so there is a constant movement of water going up from the ocean in vapor form, carried as clouds over the land, and brought down again as rain, which forms rivulets that find their way back to the sea. Even though the great naturalists felt they had made a new discovery when they found out about the cycles of clouds, they could have known it all by reading the Scriptures.

#### Why Clouds Don't Break

Another text with scientific information is Job 26:8. "He bindeth up the waters in his thick clouds; and the cloud is not rent under them." This is a beautiful text, explaining that the clouds don't break and spill all their water at once, even though millions of tons of water are drawn up from the oceans into the clouds. And, of course, Job was correct. We've just found that God has a process of gradual cooling that releases the water little by little as it is needed to irrigate the surface of the earth. God revealed it to Job long before mankind figured it out.I'm sure all of us know that water has weight, and that its pressure increases dramatically as the depth increases. Certain fish that exist in the very bottom of the ocean are especially engineered by God to withstand this tremendous pressure. If brought quickly up to the surface, they practically explode. The pressure that God put into their muscular structure is still there on the inside when they are brought up where the pressure is not exerted from the outside.

This is a wonderful fact, but do you realize that we, too, live in the bottom of an atmospheric sea, which also has tremendous weight? At sea level we are living down at the bottom of a very heavy, dense covering. As the ocean is to the fish, so the atmosphere is to us. Every moment we live, a pressure of 14 pounds per square inch is exerted upon our body structure, and that's pretty heavy. We think a man is strong if he can carry 200 pounds on his back. In fact, the strongest man that ever lived put only 415 pounds over his head. Yet, every single form of life in this world, whether it's a 90-pound woman or a burly man, has a constant pressure of over 15 tons at sea level pushing and pressing upon them from every direction. That's 30,000 pounds! Even the filmy, gauzy insects have been designed by God to withstand their proportion of this pressure. That little gnat, so light and frail that it seems anything could crush it, is built by God to withstand the weight of the atmosphere. Can you think this happened by mere chance? Consider Job 28:25. "To make the weight for the winds; and he weigheth the waters by measure." The Bible says the wind has weight.

The air, in other words, is heavy. The atmosphere has weight. If you climb a mountain, the higher you climb, the thinner the atmosphere becomes, and you feel distressed and uncomfortable. Why? Because the pressure is not as great. You see, God has built in a certain amount of pressure that balances that on the outside at sea level. If you went high enough, you would be just as stressed as the fish brought up from the ocean depths. How wonderful that God has designed each living creature to be perfectly comfortable in its own environment.