

5D Thinking:

The Human Eyes

Close your eyes and think about what life would be like without vision. You are in absolute darkness now. How do you feel? Your eyes are like windows onto the world. We depend on our eyes to see, to read and to navigate our way around. Have you ever wondered how your eyes work? Let us take a multi-dimensional journey into the amazing eyes.

◆ **First Dimension: Analytical Thinking**

Scientific Understanding of the Human Eyes

The eyes we see in the mirror are only the visible parts of the eye, or the eyeballs. The **eyeball** is a sphere, slightly smaller than a ping pong ball. It is filled with a jelly-like liquid and surrounded by a protective layer called the **cornea**. The cornea covers the colorful part of the eye, known as the iris. You look at the world through the cornea as if you were looking through a clear glass window.

Look into a mirror. Can you see the black spot in the middle of your eye? The black spot is actually a hole that allows light rays to enter into your eye and is surrounded by the iris. This hole is called the **pupil**. Do you see the white area of your eye? This is called the **sclera**. The sclera covers most of the eyeball. It is made of tough matter to protect the eyeball.

The **retina** is a very thin layer of special nerve cells at the back of the eye that collects information about the light that enters the eye. It then passes these messages along to a nerve called the **optic nerve** that carries them to the brain. It is only then that the brain can decode and process this information so that you can see the image of the object you are looking at.

Think for a moment. How did we get functioning eyes? Let us first reflect on a man-made invention that attempts to mimic the behavior of our miraculous eyes.

◆ Second Dimension: Analogical Thinking

Human Eyes vs. Digital Cameras

A camera and a human eye are very similar in the way they operate. They are both devices capturing an image based on three principles.

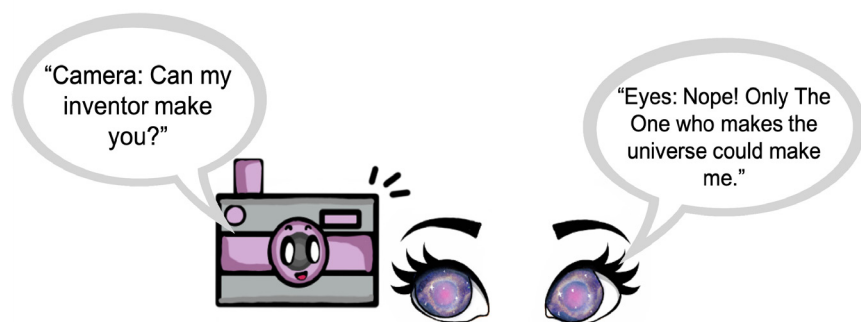
A camera's main parts include the shutter, aperture, lens, and a light-sensitive sensor such as a film or a digital CCD. They are designed to control the amount of light to focus and capture the image. Similarly, the iris and pupil work like the shutter and aperture of the camera- controlling the amount of light entering the eyes. The eye's lens and cornea work like the camera's lenses to refract and focus light onto the retina- that acts like a light-sensitive medium. The light rays from any object you are looking at pass through the pupil and get 'recorded' at the

back of the eye, or the retina. In a similar way, digital cameras capture images by allowing light rays from an object to pass through a lens and record an image on a computer chip.

Although modern cameras produce high definition (good quality) images, they are incomparable to the images produced by our eyes. In fact, if you compare how your brain processes the signals it receives from your eyes versus the images stored by a camera's computer chip, you would see that the eye is outstandingly superior. Remember- your eyes have a remarkable ability to transmit a constant video feed to your brain to provide you with live broadcasting of the world.

Amazing Scientific Facts about Human Memory:

- The human eye can differentiate between approximately 10 million different colors.
- Our eyes remain the same size throughout life, whereas our nose and ears never stop growing.
- The human eye blinks an average of 4,200,000 times a year.



"Visual perception is so incredibly complex that it seems almost a miracle that we can do it at all."-Dr.Stephen Palmer, UC Berkeley

◆ Third Dimension: Critical Thinking

Exploring the Maker of the Human Eye

Think about man-made cameras. What does it take to make them? Do you believe that the wind can produce such devices through the random blowing of sands for thousands of years? Do you believe that animals can make them? Now, think about the trillions of images simultaneously produced by the billions of human eyes around the world.

Have you heard of the bionic eye? Let us now reflect on its invention. Its inventor won the highest US award for technology achievement. He managed to design the bionic eye after studying medicine, biomedical engineering and ophthalmology for many years. Remember that this invention, how-

ever, would not have been possible were it not for the collective efforts of thousands of people around the globe.

If the bionic eye needs so much intelligence, knowledge, and skill, what about a living human eye? How much more knowledge, wisdom and power is needed to make a human eye work and see? Unlike the artificial bionic eye, the human eye is made of different parts working together in harmony to form a unique and miraculous system. It is connected to the brain, the blood vessels, and even to sunlight. Is it possible to deny that this beautiful miracle of sight has a maker?

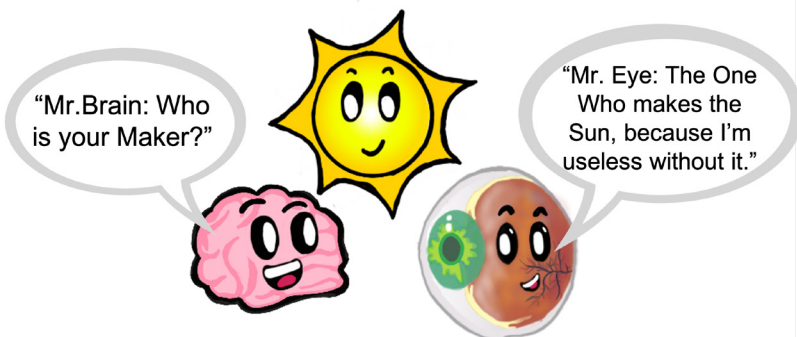
◆ Fourth Dimension: Meditative Thinking

Reflecting on the Attributes of the Maker

If neither nature nor chance can be the cause of our ability to see, then how did it happen? What is the Hidden Hand behind the well-connected and organized activities in our body?

For the eye to see, it has to be part of a living person. It has to be connected to the brain of that person through the optic nerve. Yes, the eye only works within the head, and the head is a part of a living, breathing human being. In order for us to see, we also need air, water, food, sunlight and gravity, among others. In reality, we need the whole world in order for our eyes to see.

Indeed, the visual system is a perfectly coordinated system of nerves, blood vessels, eye and brain structures. It works in miraculous harmony to perform the function of sight that is currently allowing you to see and



read the words on this page. This visual system does not work in isolation. Indeed, one might argue that sight is connected to the entire universe.

The Generous Giver of sight can only be The One who makes and sustains the eye together with the body. He can only be The One who sustains the body together with the whole world, that includes both the sun and sunlight. He must be the Giver of life. He has control and power over all things. In short, the eyes can only be the work of The One who has the knowledge, wisdom, power and will to create perfection in every living thing. He is All-Seeing, All-Knowing, All-Powerful, All-Wise, Most-Merciful and Most-Kind.



◆ Fifth Dimension: Moral Thinking

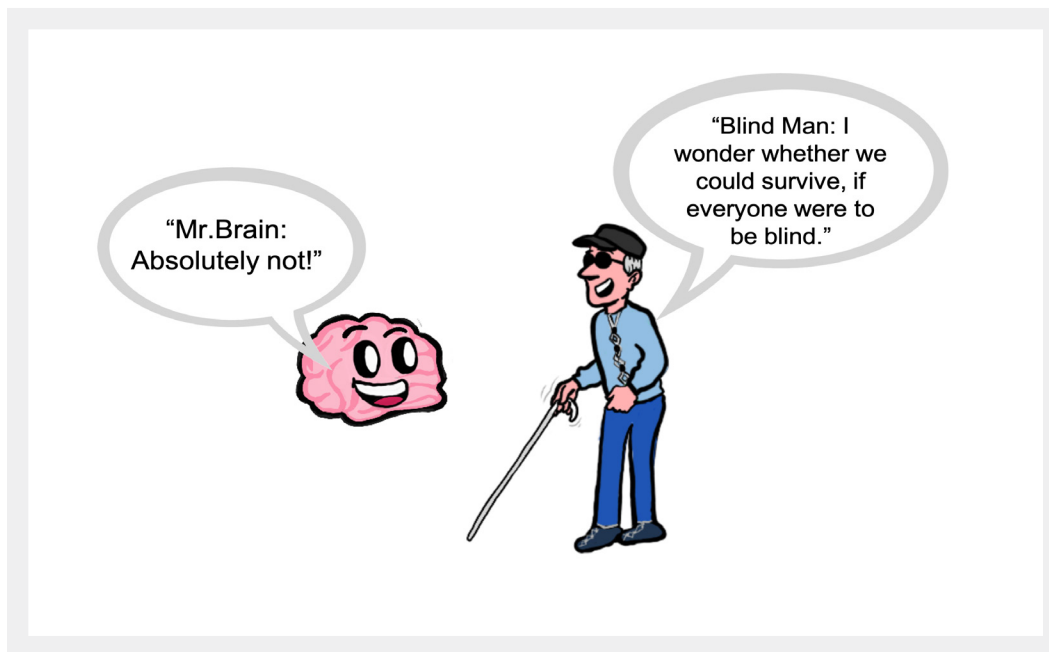
Responding with Better Character

Reflect for a moment on the value of your vision. What would life be like if you were blind for even one day? What if you were born blind but were given the opportunity to buy a pair of eyes? What price would you pay?

We rely on our sense of sight for basic survival. Indeed, the human species would be extinct if there was no sense of sight. We find food and drink with our eyes. If we see a source of danger, we automatically search for a place of safety using our eyes. The beauty of color can only be enjoyed with our sense of sight. Indeed, our lives are truly enriched

with a pair of functional eyes.

Would you be willing to give your eyes to someone else? How about selling them for a high price? Most of us would not accept this deal because our eyes are too precious. Shouldn't we be grateful for our eyes then? Shouldn't we thank the merciful and generous Maker of the eye? Just as we usually thank someone who gives us a gift, we should offer our appreciation to the True Bestower of Bounties for this valuable pair of eyes though remembrance, reflection, and gratitude.



Just as we pay the price to purchase cameras and eyeglasses, we should pay our dues to the One who does not ask for money. God, our Maker, does not need money. Everything belongs to Him. We should offer our appreciation through good words and actions. We should remember that not only do we become beautiful when given a pair of eyes, but we are created to witness the beauty around us with our vision. We should be aware that the One who grants us our eyes sees everything. We should be mindful of Him when using our eyes by choosing what we see. We should read meaningful messages in the book of the universe. We should feel a great sense of appreciation every day when we wake up for being blessed with a pair of eyes to enjoy a beautiful life.

Remembrance is realizing that there is a Creator of the eye.

1

Reflection is thinking of our priceless, miraculous eyes as gifts of our Creator's mercy.

2

Gratitude is being thankful to the Creator for bestowing us with the incredible blessing of sight.

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