



# The Mystery of Light

*Season 2 Episode 4*

## **INTRODUCTION:**

Light is very important.

- There would be no beauty to behold if we didn't have light.
- All light does not come from the sun.
- Science tells us that if there were no light human life would be very unhealthy.
  - Light affects our mood and how our body releases certain hormones.
  - Doctors have discovered that without light we tend toward depression.
  - In colder regions where winters tend to be long and daylight tends to be short, sun light lamps are used to produce vitamin D which keeps us mentally and physically healthy.

There is a natural light that does not come from the sun.

- Particle physics states that everything is made from the atom.
- In the center of an atom is an even smaller structure called the nucleus.
- Each nucleus contains protons and inside each proton are three very small things called quarks.
- Inside each quark are plasma of energy called gluons and mesons.
  - Science has discovered that gluons and mesons are made of light, therefore it could be said that everything is made from light.
- Light allows us to not only see where we are going, or enjoy the beauty around us; it literally makes up the fabric of life.

## **TALKING POINTS: Teaching Session 1**

The substance or fabric of light:

- Light is speeding all around us at the rate of 186,000 miles per second.



- Light has mass, volume, density, as well as speed.
  - Illustration: compare a laser beam with a flashlight.
- Light is both a particle and a wavelength.
- Light can produce light.

#### Contrasting darkness:

- Darkness doesn't share any of the qualities of light.
- It simply exists because light is not present.
- In contrast to a laser beam, you cannot have a beam of darkness that cuts through something.
- Darkness has no energy, or speed.
  - It advances as light decreases.
- Scripture tells us that the evening and the morning marked each new day.
  - Each day begins with darkness and progresses toward light.
  - The Psalmist wrote that sorrow of the night is always followed by the joy of the morning (Psalm 30:5).

Light has a lot to do with who or what rules the earth and this tells us where light began.

- The Hebrew word for evening, in the first chapter of Genesis, is **erev**.
  - **Erev**, at its root means chaos or disorder.
- The Hebrew word for morning is **voger**.
  - **Voger**, at its root means order and structure.
- The story of creation in Genesis conveys that each day chaos was overcome by order.
- This is the true rudiment of light—light brings order into disorder and anarchy.

#### **TALKING POINTS: Teaching Session 2**

There are nine known spectrums of light in the physical world.

- Only one small spectrum is visible.
  - It is comprised of seven base colors.
- The other eight exist and have physical attributes that can be measured with various scientific instruments.
- All nine are in the physical world.



There are three known color spectrums, or color wheels.

- Artist's color spectrum (the color pallet)
  - What you see in the artist's painting are the colors *reflected* to the human eye.
- Subtractive color spectrum
  - The color that is seen is *absorbed*.
  - This is also known as the CMYK spectrum and is used in print media such as magazines and for color separations.
- Additive color spectrum
  - This spectrum *radiates* color or light into a room.
  - It is also known as the RGB color spectrum.
  - Most TV's use this format.

The "Eternal color spectrum"

- This spectrum can be seen in every rainbow.
- Where does the Bible say light began?
  - The Bible describes three kinds of light, but you have to read the Scripture with eyes wide open to recognize them.
  - The first place to look is in the book of 1 John where John writes: "God is light" and in Him is no darkness (1 John 1:5).
    - » Therefore, if God is eternal, and He is, then His light is eternal—God's light is the first type of light.
    - » There has never been a time when God's light did not exist, nor has dimmed, or faltered in any way.
    - » In the rainbow, God placed a hint of who He is, it is our assurance that God's promise will likewise never dim, or falter, or change.
  - The second light existed when God said "let there be light."
    - » God spoke into existence a new and different kind of light.
    - » This second kind of light is the essence of all matter.
    - » The atom and the quark contain light plasma—they were made from this spoken light and all that exists is made from them.

### **TALKING POINTS: Teaching Session 3**

The third type of light was created on the fourth day when God created the sun and stars.



- On the third day of creation, before the sun was created, God made grass, herbs, fruit trees, and all manner of trees whose seed was in the nut, kernel, or pollen it generated.
- How did all this flora and fauna grow without the sun to generate photosynthesis?
  - The life giving essence of God was and is in the light He spoke into being.
  - This is how it was in the beginning and the Book of Revelation tells us it will be that way in the end.
    - » Revelation 22:5 "They need no lamp nor light of the sun, for the Lord God gives them light."

The Light of God affects you and everyone around you.

- This light is not a natural light, but a very real, spiritual light that is every bit as real as the light of the sun.
- If you will listen with spiritual ears, it will reveal to you the nature of the light Moses radiated when He came down from the Mountain after speaking with God and everyone saw it.
- Spiritual light has more effect on a human than any amount of natural light.
  - The **erev** (chaos) begins to melt away and the **voqer** (order) seemed to give hope whenever Jesus drew near and these twelve men must have felt it.

Psalms 36:9 "For with You is the fountain of life; In Your light we see light."

- Life come from God who is light.
- To behold God's light then opens our eyes to see a distinction in the types of light we could never see prior to an encounter with the life force of all creation.
- The light of the sun proved God created the Heavens and the Earth.

## CONCLUSION:

The Biblical statement, "In Your Light we see Light" means God's light defines all light. Thus when we say God is light, He spoke light and from the light in His voice He created all things, and He created the light that comes from the sun—it is all defined by Him. All three types of light have color, mass, volume, density, texture, and speed.



Light from the third light of Creation travels at the speed of 186,000 miles per second or 671 million miles per hour. This light is caused by the release of energy, whether it is from the sun or from your flashlight. The second light, which was spoken into existence, is the light found in quarks and more specifically gluons and mesons. It is much faster than 186,000 miles per second and the science of particle physics now thinks it may travel at the speed of thought.

Traveling at the speed of light to the most distant planet Neptune would take you four hours. However, traveling there at the speed of thought would take you less than a nanosecond. This is the substance of prayer, it happens at the speed of thought. Because the Holy Spirit of God dwells within each believer. To pray is to breathe what God gave us back to Him. Not to pray is then to fail to ask the creator to create that which He longs to see take place in our lives and the lives of others.

The first Light, the original, self-existent light of God, is pre-existent or it is there before we ask or even know it is there. There is no time when it is not. It is the essence of the light of God's Spirit. It is the glow found around Moses when he came down from the mountain. It is the pillar of fire by night and the pillar of cloud by day that led the children of Israel. It is also the dove that illuminated Jesus at His baptism, and it is the divided flame that sat on the head of each one in the upper room on the Day of Pentecost.

It is the light that came into the darkness of the world. It is the light the world did not receive because they loved darkness rather than light. It is the light that Jesus said we would have, and would be the light of the world because His Light was in us. It is the very light of the Holy Spirit of God that flows through, and from you to touch others without you physically touching them. It is the light of the Creator touching His creation, that no one can come in contact with and not be changed.

What we do with this light, how it flows from us, and how we interact with others is vitally important to God. When we speak, we release light or darkness. So light and life come from Jesus through us.