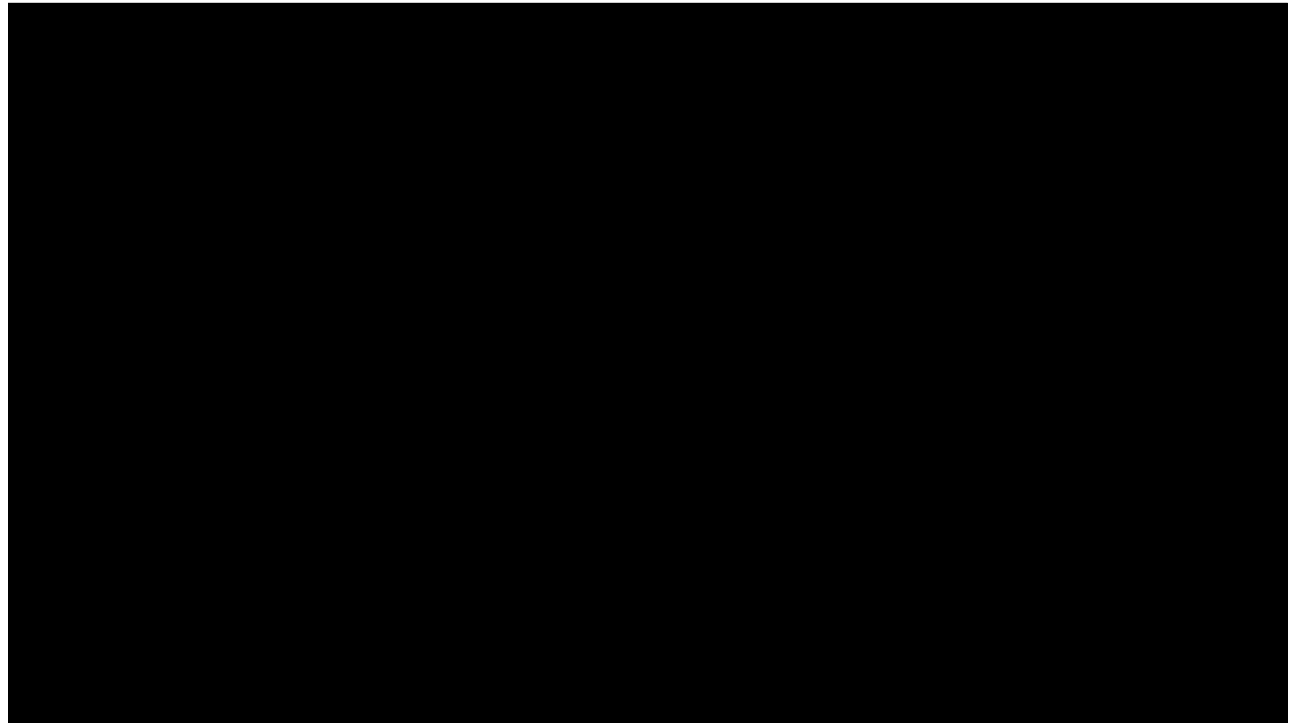




1



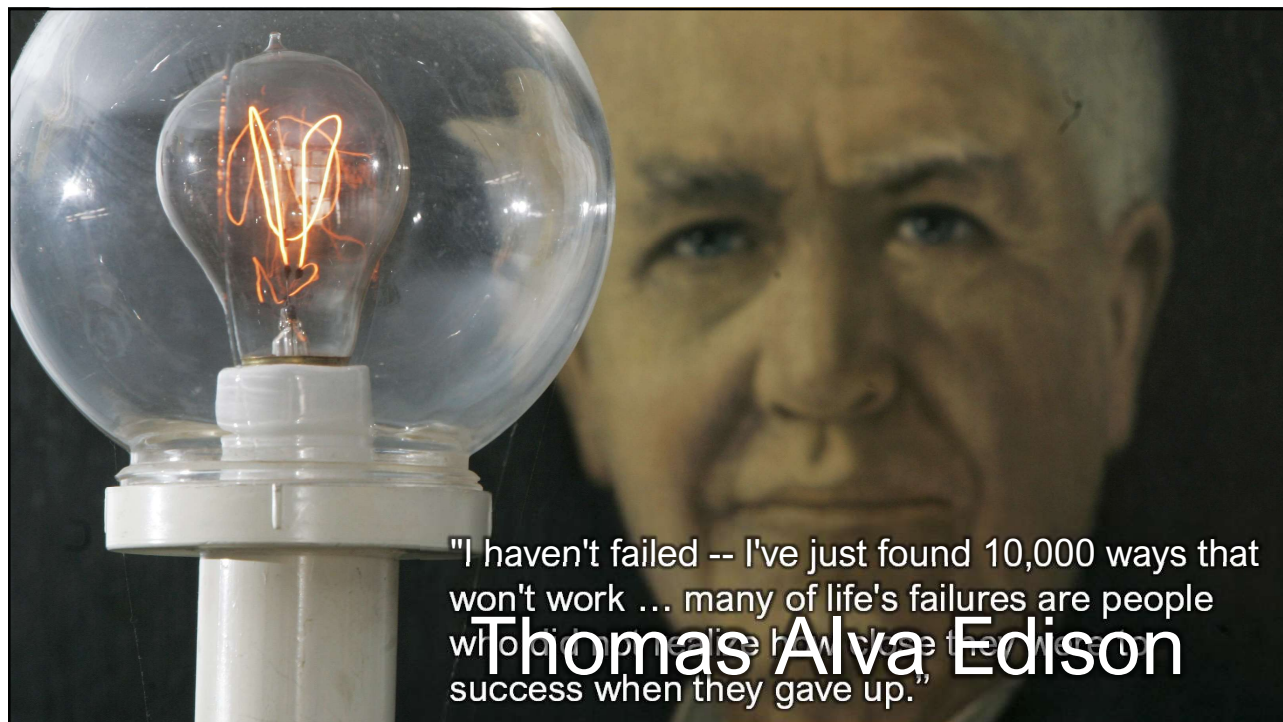
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4



5

Who made light?

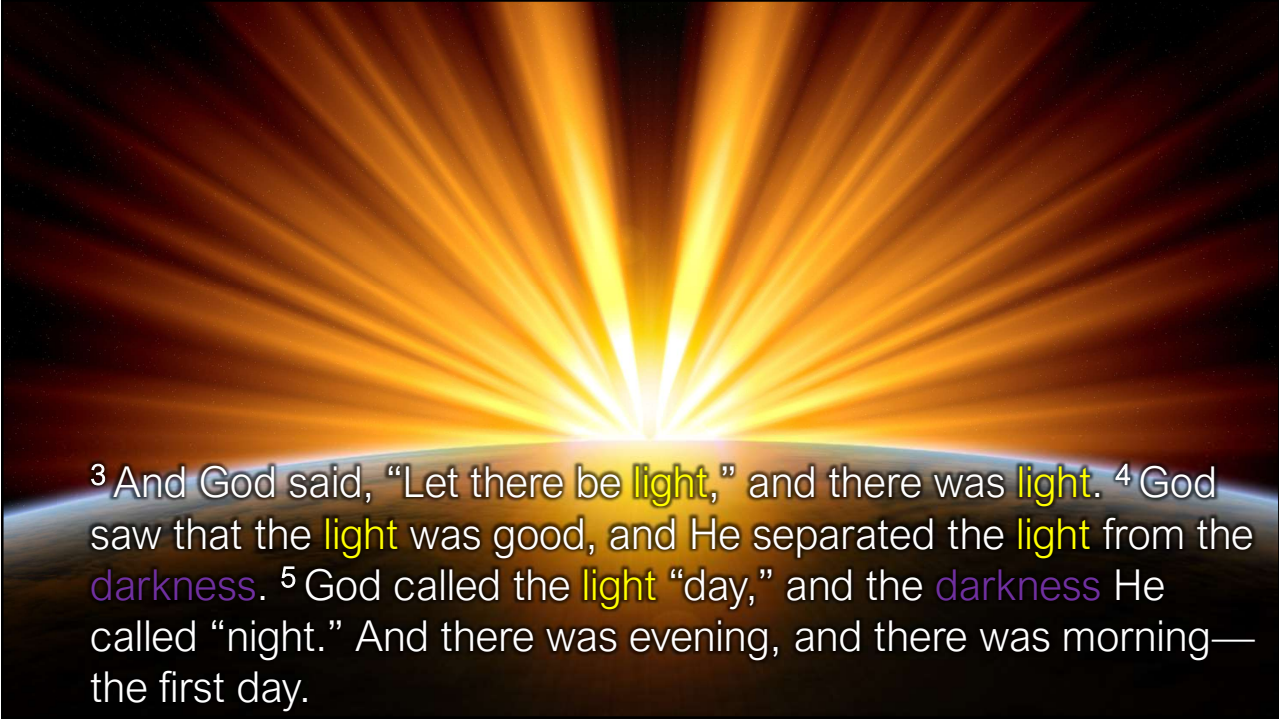
No one.

6

Genesis 1:1-5

1 In the beginning God created the heavens and the earth. ² Now the earth was formless and empty, darkness was over the surface of the deep, and the Spirit of God was hovering over the waters.

7



³ And God said, “Let there be light,” and there was light. ⁴ God saw that the light was good, and He separated the light from the darkness. ⁵ God called the light “day,” and the darkness He called “night.” And there was evening, and there was morning—the first day.

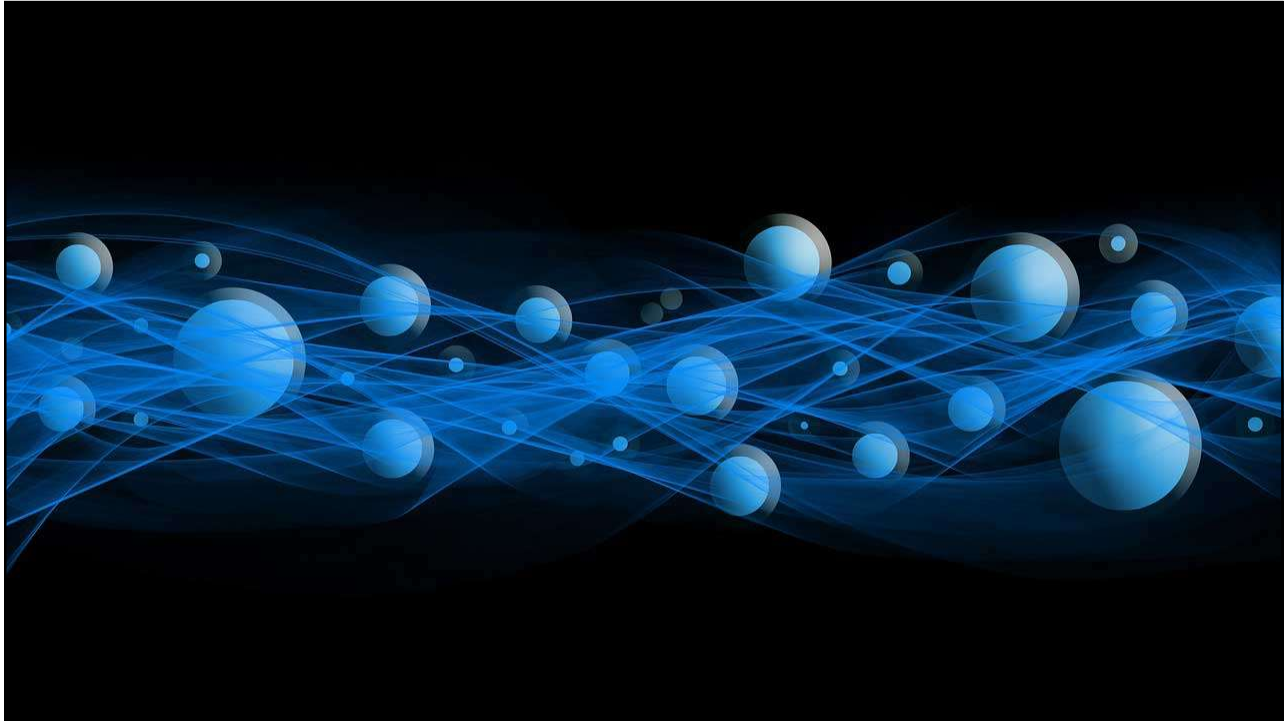
8

What is light?

9



10



11



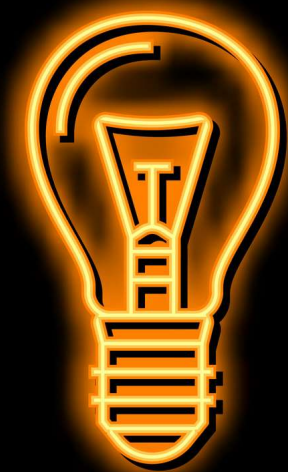
12



13

First lightbulb:

**Scripture does not say
God created light but it
says that He said, "Let
there be light!"**



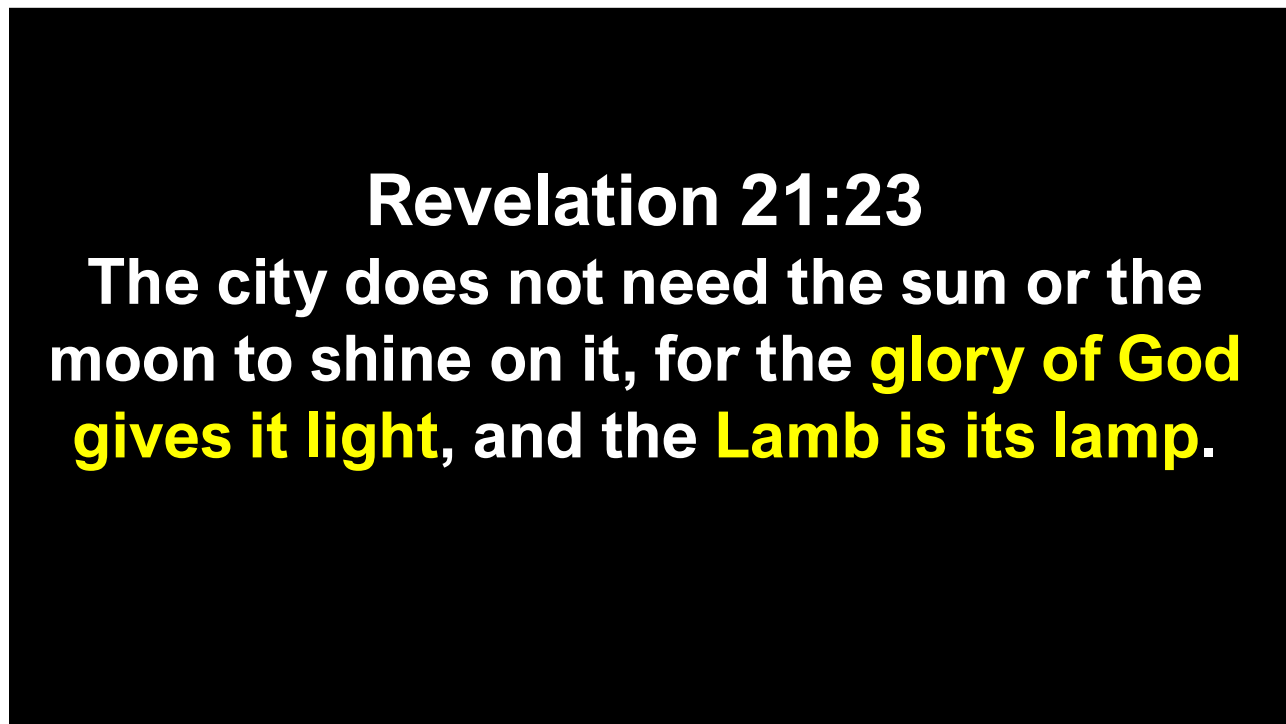
14

1 John 1:5
God is light;
in Him there is no darkness at all.

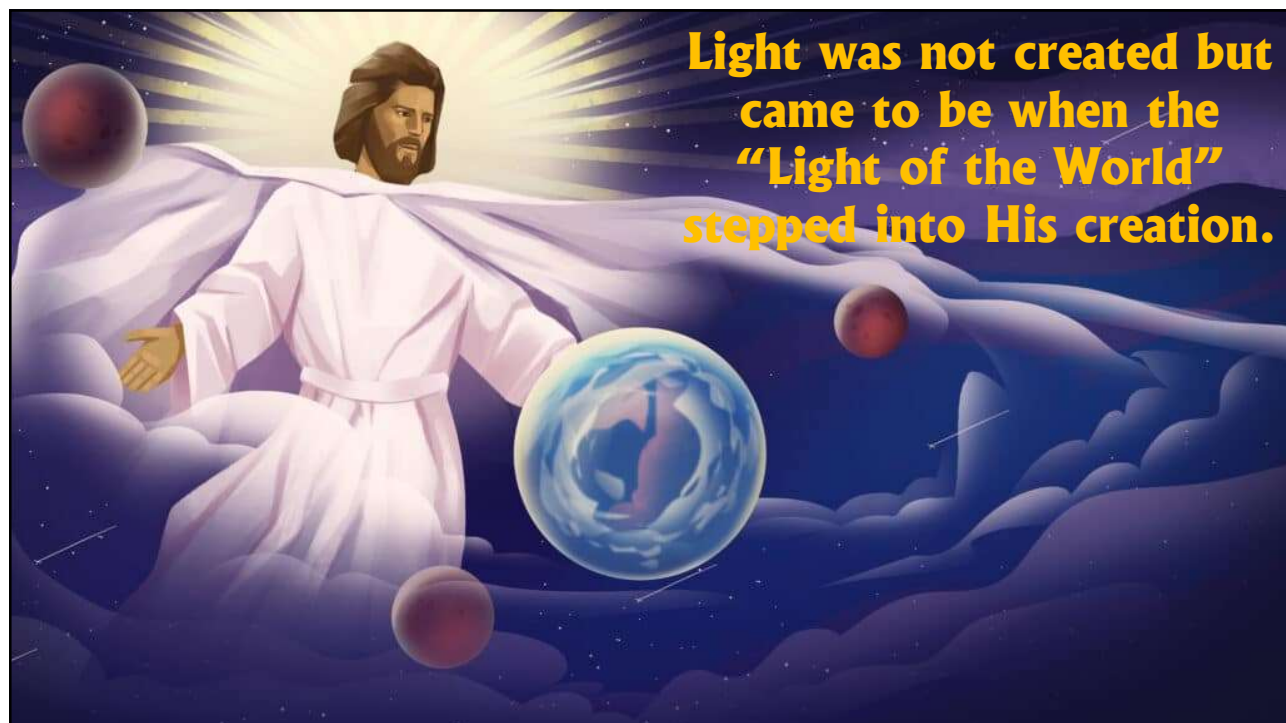
15

John 8:12
I am the light of the world. Whoever
follows Me will never walk in darkness,
but will have the light of life.

16



17



18

Is this light physical or spiritual?

Both!

19

Colossians 1:15-17

The Son is the image of the invisible God, the firstborn over all creation. For in Him all things were created: things in heaven and on earth, **visible and invisible**, whether thrones or powers or rulers or authorities; all things have been created through Him and for Him. He is before all things, and in Him all things hold together.

20

**God is light.
Light is not God.**

**God is life.
Life is not God.**

21

Second lightbulb:

What lit up?



22

³ And God said, “Let there be light,” and there was light. ⁴ God saw that the light was good, and He separated the light from the darkness. ⁵ God called the light “day,” and the darkness He called “night.” And there was evening, and there was morning—the first day.

- The perspective of the text is from or near earth.
- It is not from the perspective of the entire universe.
- Day & night means that the portion of the planet facing away from the light source (God) was dark, defined as “night”.
- So, spiritually, when we face towards God, we are walking in light.



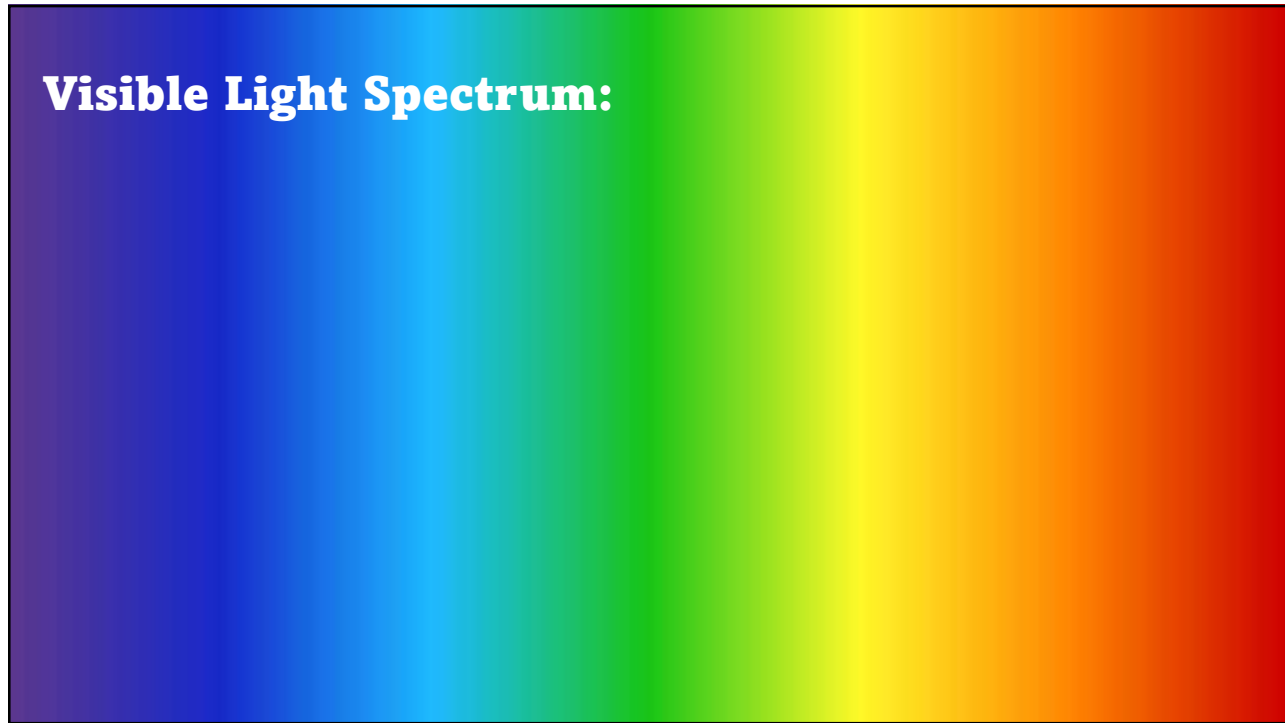
23

Third lightbulb:

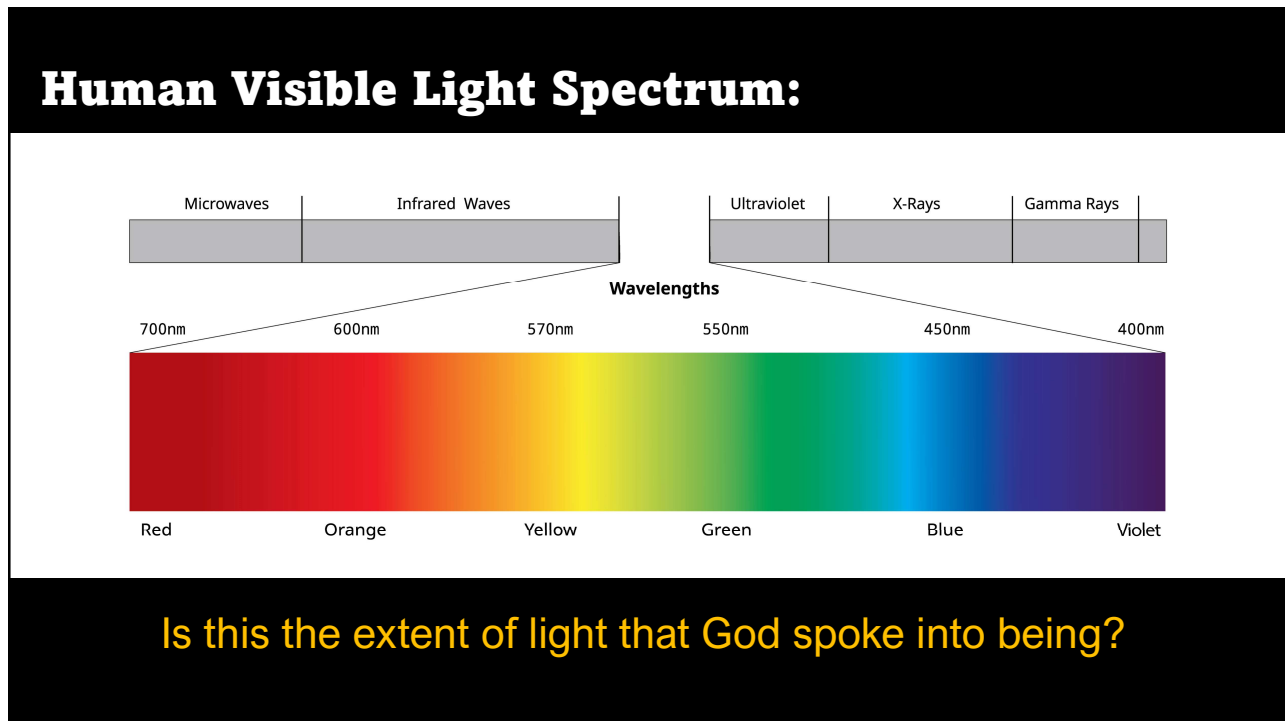
**Light is more than the visible light spectrum.
Light is energy.**



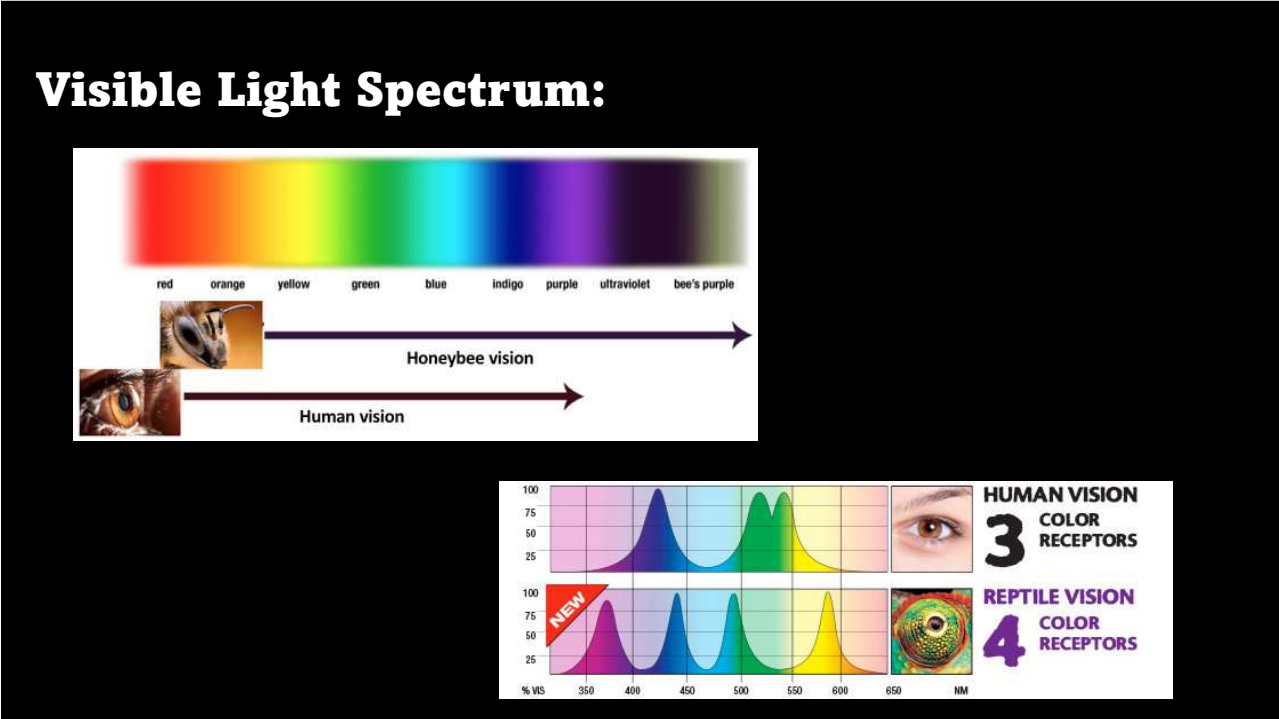
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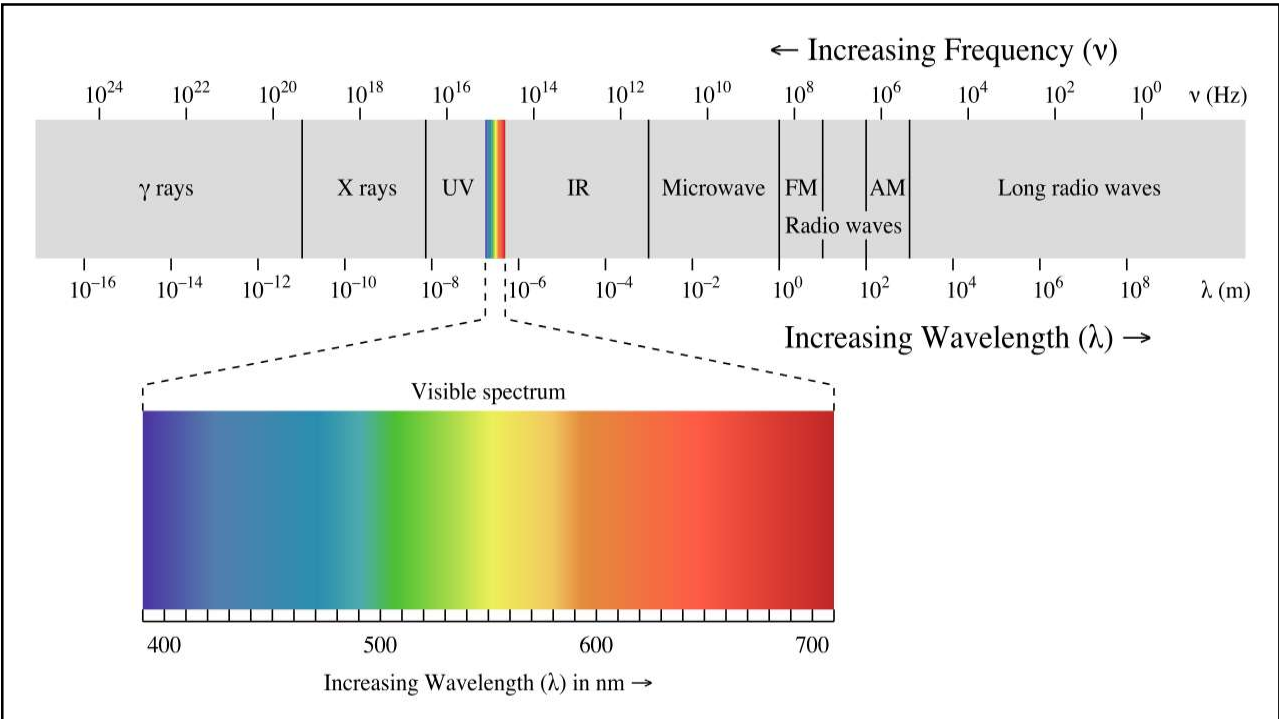
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26



27

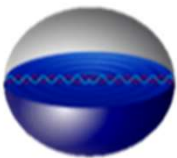


28

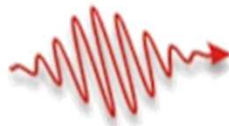


29

Photons:



$$E=mc^2$$

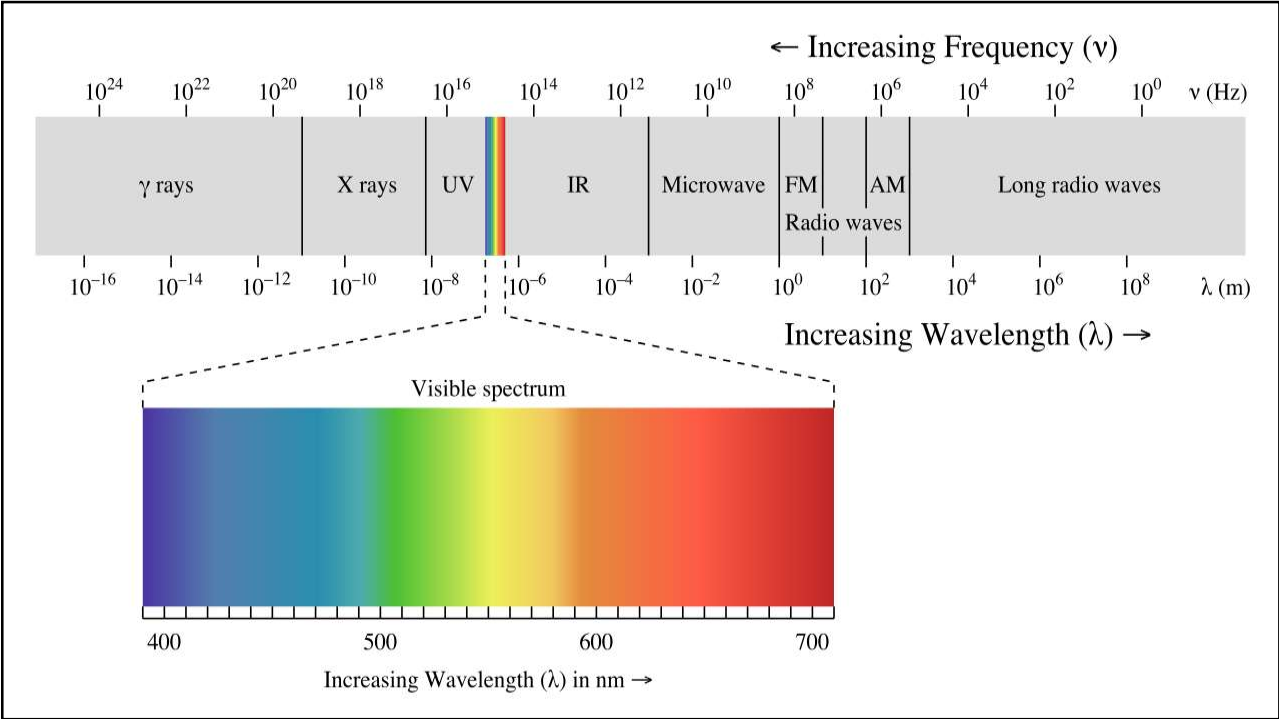


$$E=hf$$

The smallest packet of energy of light.

1. Have zero rest mass, don't weight anything when not moving.
2. Are always moving at the speed of light therefore they have a dynamic or relativistic mass.
3. Do not have an electric charge.
4. Are stable particles but can be created or destroyed when radiation is emitted or absorbed.
5. Have two spin orientations.
6. Can collide with other particles, such as electrons, and momentum and total energy are conserved.
7. Do not decay on their own, they seem exempt from entropy.

30



31

Photons:

Flashlight

$E = hf$

$E' = hf'$

energy

Planck's constant

$E = hf$

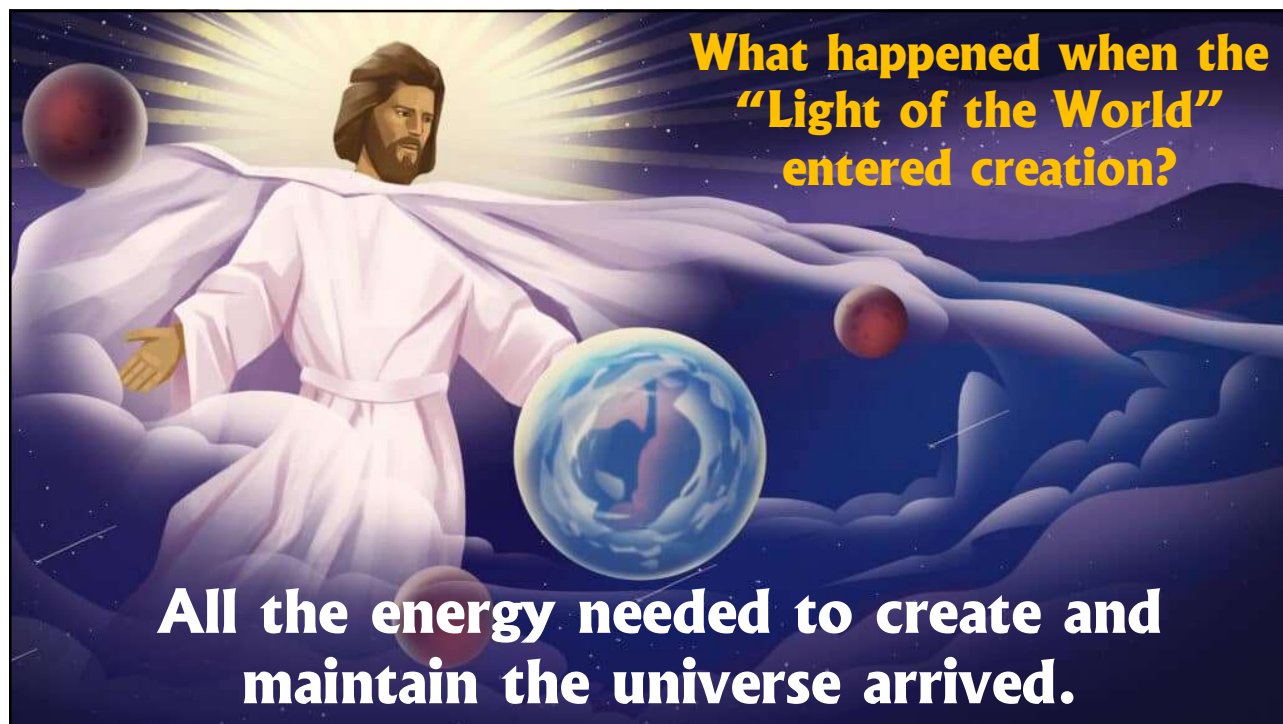
frequency

of electromagnetic wave

$h = 6.62607015 \times 10^{-34}$ joule/hertz

GAMMA X-RAY ULTRAVIOLET VISIBLE INFRARED MICROWAVE RADIO

32



33

**What happened when the
"Light of the World"
entered creation?**

m = mass (kg)
C = speed of light = 299,792,458 m/s
c² = 89,875,517,870,000,000 m²/s²

E_{for 1 Kg} = 89,875,517,870,000,000 kg*m²/s²
Joules

**All the energy needed to create and
maintain the universe arrived.**

34

$$E_{\text{for 1 Kg}} = 89,875,517,870,000,000 \text{ Joules}$$

What is 1 Joule?

35

How much energy is in this paper clip?

$$E = \frac{1 \text{ gram}}{1,000 \text{ grams/kg}} * 89,875,517,870,000,000 \text{ m}^2/\text{s}^2$$

$$E = 89,875,517,870,000 \text{ Joules}$$

36



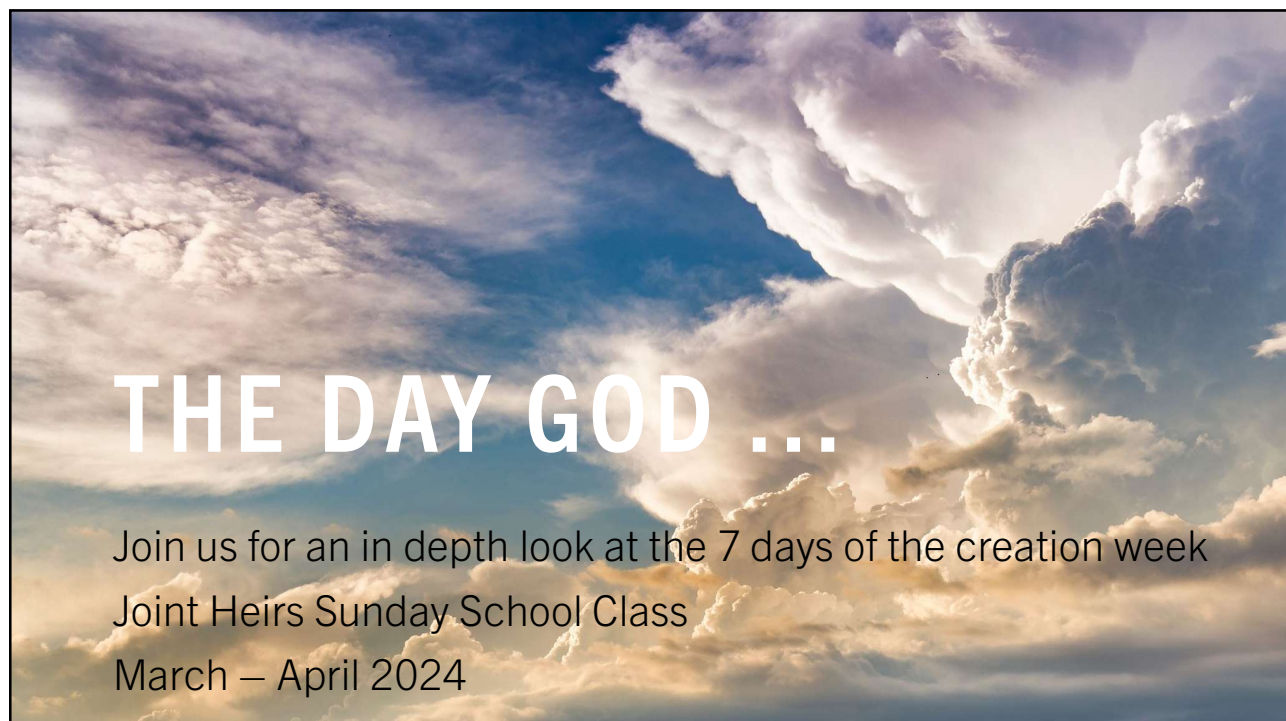
What is **darkness**?

When we move far from the **light source**.

When something has come between us and the **light source**.

The people walking in darkness have seen a **great light**;
on those living in the land of **deep darkness** a **light has dawned**.
Isaiah 9:2

37



THE DAY GOD ...

Join us for an in depth look at the 7 days of the creation week
Joint Heirs Sunday School Class
March – April 2024

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