

## Lesson 3: THE UNIVERSE IS “JUST RIGHT” ... EVIDENCE OF A CREATOR

### 1. The Universe is orderly, not “chaos.”

Think about a firecracker “bang” in a Styrofoam ball. Chaos! But that is not what we observe in the universe.

Do these galaxies look like chaos?

**Activity:**  
**Make a Galaxy Montage**



[http://spaceplace.nasa.gov/galaxy\\_montage](http://spaceplace.nasa.gov/galaxy_montage)



### 2. Physical Laws are **JUST RIGHT!** These laws are exact. If these laws were any different, the universe couldn't exist.

Gravity

Electromagnetism

Nuclear Force

Proton Mass

Electron Mass

Speed of Light

Etc.... **There are more than 200 things that must be JUST RIGHT!**



Watch this video:

<https://youtu.be/WR51OrawqIg?si=SeSno7oE9oLS LEI>

“Stephen Meyer Shatters the Myth of the Multiverse (Science Uprising EP4) (8:17)

# There are many Ways the Earth Is Fine-Tuned for Life

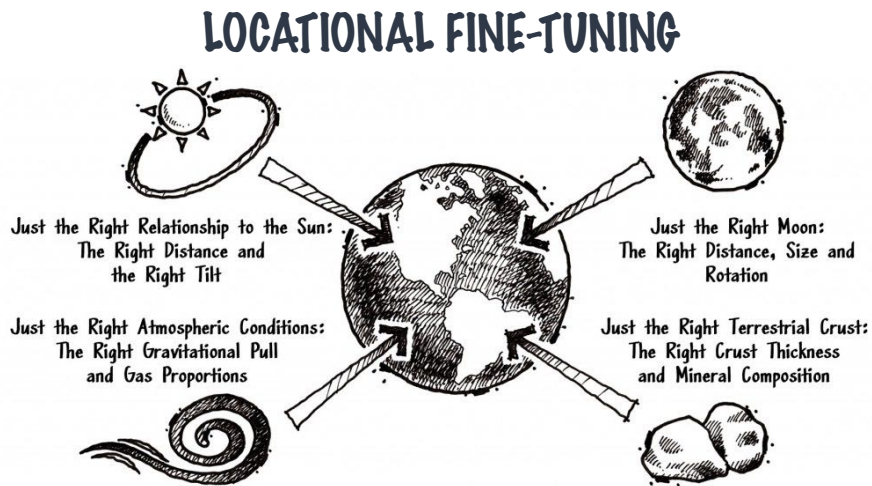


Illustration from *God's Crime Scene* by J Warner Wallace

## What are the odds of the Earth being in the right place in the Universe?

1. Being in the right **kind of galaxy** .....1 in 100
2. Being in the right **place in the galaxy** .....1 in 150
3. Having the right **kind of star** (sun) .....1 in 1,000
4. Being the right **distance from the sun** .....1 in 10
5. Having the **proper planetary mass** .....1 in 10
6. Having the **proper planetary spin** .....1 in 10
7. Having the **proper planetary tilt** .....1 in 10
8. Having **comet-sweeping planets** .....1 in 40
9. **Not being near a black hole** .....1 in 250
10. Having a **large solitary moon** .....1 in 10
11. Possessing a **magnetic field capable of shielding** ....1 in 10

**Total Odds = 1 in 150,000,000,000,000,000**

(And none of these odds include having the precise chemical balances needed in the composition of the atom and the elements to make up matter that would bring about life!)

(The Source by John Clayton, Pg. 28)

**IT COULDN'T "JUST HAPPEN"!  
A CREATOR is more reasonable to believe!**



<sup>1</sup>The heavens declare the glory of God, the skies the work of his hands. <sup>2</sup>Day after day they pour forth speech; night after night they reveal knowledge. <sup>3</sup>They have no speech; they use no words; no sound is heard from them. <sup>4</sup>Yet their voice goes out into all the earth, their words to the ends of the world. (Psalm 19:1-4)

<https://youtu.be/8Are9dDbW24>  
"The Cosmic Eye"  
God is so powerful! Why did He create the Universe? For YOU!

Write Psalm 19:1 below. Memorize this verse.

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### 3. Does everyone believe in Creator God?

"The Cosmos is all there is, or was, or ever will be." - Carl Sagan, Harvard Scientist (Materialist)



Why do some people *not* believe? (See verse 18 below) \_\_\_\_\_

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<sup>18</sup> The wrath of God is being revealed from heaven against all the godlessness and wickedness of people, who suppress the truth by their wickedness, <sup>19</sup> since what may be known about God is plain to them, because God has made it plain to them. <sup>20</sup> For since the creation of the world God's invisible qualities—his eternal power and divine nature—have been clearly seen, being understood from what has been made, so that people are without excuse. (Romans 1:18-20)

Does it matter? \_\_\_\_\_

### **HOMEWORK:**

Review what you learned with a parent using your notebook.  
**YOU TEACH THEM!** Watch the videos together and TALK.

## Notes and Resources

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### Bibliography & Links:

<https://youtu.be/-9YaR25M-mM?si=PCbwcxJFIRrgHMh->

“Fine-tuned Universe points to God” by Sean McDowell (8:57)

<https://youtu.be/aT-Rdplb9A4?si=idYXK1LKAxWv1oK>

“How the Fine-Tuning of the Universe Points to the Existence of God” by J Warner (8:44)

<https://youtu.be/ghmL90rO9wE>

“Is the Universe Fine-Tuned, or Made by Random Chance?” by ReasonstoBelieve.org (3:21)

<https://youtu.be/n8NihPmO3dk?si=F9GyRbF-ALJB3Uwd>

“Fine Tuned for Life” by Terry Hester (9:07)

