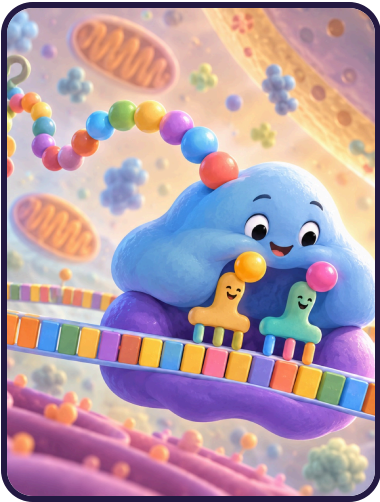


Is anyone there?

BIG QUESTION **Who made everything?**



For centuries, many great thinkers said the universe had always existed. Even Albert Einstein, in 1917, added a term to his equations to hold the universe still. Then in 1929, Edwin Hubble found that the galaxies are rushing apart, and the farther away they are, the faster they go. Run that backward and you reach a beginning, when space, time, and matter all started together. In 1964, Arno Penzias and Robert Wilson picked up the afterglow of that hot beginning.

The universe also runs on a handful of numbers: how hard gravity pulls, how tightly atoms hold together, how much energy a star gets from its fuel. No law we know of makes them what they are, yet nudge almost any of them and there are no stars, no chemistry, and no you.

Then there is DNA. It is a real code: four letters, read three at a time, and each three-letter word stands for one building block of a protein. Nobody has made life from non-life in a lab.

Everything that begins to exist has a cause. The universe began, so its cause stands outside space, time, and matter. The Bible names that cause: God.

 Read real DNA

This is the real start of the gene for hemoglobin, which carries oxygen in your blood. Use the code table to write the building block each word stands for.

Code table

ACT = Threonine **ATG** = Start **CAT** = Histidine **CCT** = Proline **CTG** = Leucine

GAG = Glutamic acid **GTG** = Valine

1	2	3	4	5	6	7
ATG	GTG	CAT	CTG	ACT	CCT	GAG
_____	_____	_____	_____	_____	_____	_____

Now make one typo: the 7th word, GAG, becomes GTG. What does it stand for now? (Inherit that one typo from both parents, and you have sickle cell disease.)

GTG = _____

Memory verse

“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 1:20

Fill it in: “For since the _____ of the world God's _____ qualities—his _____ power and _____ nature—have been clearly seen, being understood from what has been made, so that people are without _____ .” Romans 1:20

I can say it! ☆ ☆ ☆ Color a star each time you say it.

★ Bonus verse

“God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us.” Acts 17:27

Think it through

Answer in your own words.

1. The farther away a galaxy is, the faster it moves away. Why does that point to a beginning?

2. Name two of the universe's “dials.” What happens if one is nudged?

3. Finish it: Everything that begins to exist has a cause. The universe began to exist. So...

4. Read Romans 1:20. What does Paul say people can see from what God made?

Talk about it

1. Fine-tuning can't tell you God's name. What does the Bible add?
2. If astronauts found a car on the moon, what would they think? How is a cell like that?
3. Paul says God “is not far from any one of us.” How could you reach out to him this week?



Watch the video

Answers will vary. Look for: 1. run it backward to one start 2. gravity, the strong force; no stars or life 3. it has a cause beyond space and time 4. his eternal power and divine nature