



BIG QUESTION

Is the universe fine-tuned for life?



The universe runs on a handful of numbers, like dials: how hard gravity pulls, how tightly the cores of atoms hold together, and how much energy a star gets from its fuel.

No law we know of makes them what they are. Nudge almost any of them a little, and there are no stars, no chemistry, and no you.

Three thousand years ago, King David looked up and wrote, “The heavens declare the glory of God.”



Turn the dials

Draw a line from each dial to what would happen if it were nudged.

1 Gravity stronger



A Nothing but hydrogen.

2 Strong force weaker



B Carbon or oxygen, but not both.

3 Electromagnetism nudged



C Only a small, short-lived universe.

4 More fuel turned to energy



D No water, and no stars like the Sun.

Memory verse

“The heavens declare the glory of God; the skies proclaim the work of his hands.”

Psalm 19:1

Fill it in: “The heavens declare the _____ of God; the skies proclaim the work of his hands.” Psalm 19:1

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

Talk about it

1. If you found a radio with every dial set to your favorite station, what would you think?
2. Fred Hoyle had long been an atheist. Why do you think he wrote that “a superintellect has monkeyed with physics”?
3. David asked God, “What is mankind that you are mindful of them?” What would you say back?



Watch the video