Fact or Fiction...

Centuries later, on Earth, amid the silent echoes of stone and symmetry, speculation persisted.

Among researchers, dreamers, and fringe scientists, a theory endured: that the ancient monuments scattered across the continents, aligned with stars, built from stones no simple tools could shape, were not the work of those who lived among them, but of others. Beings who came from elsewhere.

They pointed to patterns. To solstice lines traced with impossible precision. To spiral glyphs buried beneath strata older than their dating methods allowed. To recurring figures, always six, carved in postures of guidance, never dominance.

Some spoke of a girl.

Her name etched faintly beside the central stone, Idra, always near the tallest of the figures, and always pointing upward. Sometimes holding a disc, sometimes a tool. Once, unmistakably, cradled in the arms of a being who did not look human at all.

Legends said she was the last to speak their tongue. The only one to walk inside their vessel, and the one who waited patiently.

“They came when we needed them,” one carving read.
“They left when we were ready.”

Among the most radical theorists, one hypothesis clung like ivy to the old stones: that the visitors had never truly ruled, never conquered, never demanded worship.

They had come to listen.

To build.

To leave behind something that would outlast even their names.

“We were here,” one slab declared, barely legible beneath centuries of lichen and erosion.
“We cared.”
“We built.”
“And anything is possible.”

Were they gods?

Perhaps.

Or perhaps, as one forgotten scroll once suggested, they were exiles. Not masters, but mourners and not rulers, but bearers of memory.

Verdantis had received them.

What they left behind…
We still do not fully understand.

But the sequel "Interstellar – The return" awaits you (Coming soon)

So, is it possible?

Do the numbers add up?

Could someone travel over those distances?

What are the mathematical probabilities?

Read on:

Calculations:

Let's calculate how long a **round-trip journey to Proxima Centauri b** would take at **20% the speed of light**, then compare it to the **Maya Long Count calendar**, and see if there's any **numerical or symbolic correlation**.

🌌 **Part 1: Round-trip Time to Proxima Centauri b**

- **Distance to Proxima Centauri b**: ~4.24 light-years (one way)
- **Speed**: 0.2c (20% the speed of light)

🧮 **One-way travel time:**

4.24 ly0.2c=21.2 years\frac{4.24\ \text{ly}}{0.2c} = 21.2\ \text{years}0.2c4.24 ly =21.2 years

🔁 **Round-trip time:**

2×21.2=42.4 years2 \times 21.2 = 42.4\ \text{years}2×21.2=42.4 years

🗓️ **Convert years to days:**

Assuming 365.25 days/year (accounting for leap years):

$42.4 \times 365.25 = \approx 15{,}488\ \text{days}$

🗿 Part 2: Maya Long Count Calendar

The Maya Long Count is a **base-20 and base-18 calendar** used to track longer cycles of time. Here's the breakdown:

Unit	Days	Meaning
1 K'in	1	Day
1 Winal	20	20 days
1 Tun	360	18 Winals
1 K'atun	7,200	20 Tuns
1 Baktun	144,000	20 K'atuns

🔍 Compare: Trip Duration vs. Maya Cycle

- The trip is **15,488 days**
- **One K'atun = 7,200 days**
- **One Baktun = 144,000 days**

🚀 How many K’atuns is the trip?

15,4887,200≈2.15 K’atuns\frac{15,488}{7,200} \approx 2.15\ \text{K'atuns}7,20015,488 ≈2.15 K’atuns

So, the round-trip would take **a little more than two full K'atuns**.

📈 Any Correlation?

- A **K’atun** was a meaningful period in Maya cosmology, associated with prophetic cycles and societal change.
- **2 K'atuns (14,400 days)** is close to the round-trip time.
- The number **2** is symbolically important in many traditions as **duality, journey-return, or cosmic balance**.

✅ Summary

- **Round-trip duration at 0.2c**: ~15,488 Earth days
- **This equals**: **~2.15 K'atuns** in the Maya Long Count calendar

- **Correlation**: While not exact, the fact that this interstellar round-trip aligns so closely with a small integer multiple of a Maya time cycle (K'atun) is numerically interesting, though likely coincidental.

🌌 INTERSTELLAR TIMELINE — DRAFT STRUCTURE

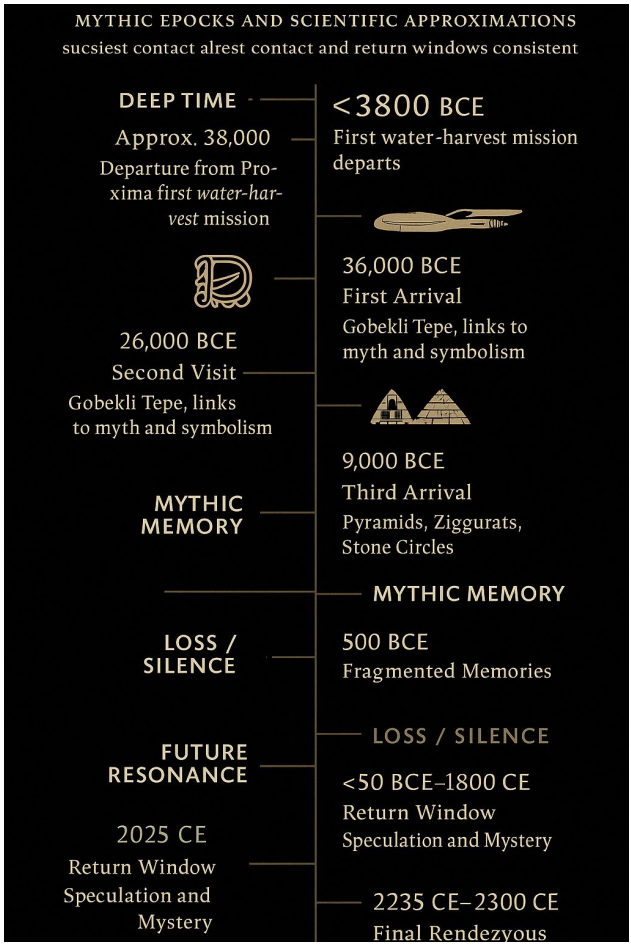
📍 Timeline Type

- Horizontal, scrollable or printable.
- Visually divided into:
    - **Deep Time** (pre-human, pre-contact)
    - **Contact Periods** (36,000 BCE onward)
    - **Mythic Memory** (megalithic to classical age)
    - **Loss / Silence** (forgotten epochs)
    - **Future Resonance** (21st–23rd century return windows)

SCIENTIFIC RETURN WINDOWS

Mission Phase	Earth Year (approx)	Maya Long Count Equivalent	Notes
Departure from Proxima	~38,000 BCE	~13.0.0.0.0 (pre-creation)	First water-harvest mission departs
First Arrival	~36,000 BCE	~12.17.0.0.0	Arrival in prehistory; meets Idra's people
Second Visit	~10,500 BCE	0.0.0.0.0 (Maya Creation Date)	Links to Gobekli Tepe, myth birth
Third Arrival	~2600 BCE	9.0.0.0.0	Pyramids, ziggurats, global stonework
Silence / Collapse	~500 BCE – 1800 CE	Fragmented memories	Hidden symbols, waning energy
Return Window #1	2025–2100 CE	13.0.0.0.0 and beyond	Present-day speculation / awakening
Return Window #2	2235–2300 CE	~13.2.0.0.0	Final rendezvous with Earth

A Visual Mythical / Scientific Timeline



Question:

🚀 **What Might Be the Maximum Realistically Achievable Speed?**

Current Scientific Projections:

1. **Breakthrough Starshot**: **~0.2c** (20% light speed) using laser-driven nanocraft — ambitious but theoretically plausible with near-future tech.
2. **Nuclear Fusion Concepts** (e.g., Daedalus, Icarus): **~0.05c to 0.1c**
3. **Antimatter Rockets / Exotic Concepts**: Could push closer to **0.5c**, but massive energy, containment, and engineering challenges remain.
4. **Theoretical Limits**: Nothing can exceed the speed of light, but **time dilation** makes long trips subjectively short for travelers at relativistic speeds.

Most plausible future ceiling (next few centuries): ~0.1–0.2c
Speculative upper bounds (hundreds to thousands of years ahead): ~0.3–0.5c

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⏳ What Would Be the Travelers' Experienced Time?

Relativistic time dilation tells us that **as you approach the speed of light, your subjective time slows down** compared to stationary observers.

🔬 Lorentz Factor (γ):

$\gamma = \frac{1}{\sqrt{1 - v^2/c^2}}$

At **0.2c**:

- γ ≈ **1.0206**
- Time on ship = **Earth time / γ**
- **42.4 Earth years** / 1.0206 ≈ **41.5 ship years**

So, even at 0.2c, the difference is small—about **0.9 years** less than Earth's frame. At higher speeds (e.g., 0.5c), this difference becomes much more significant.

🧬 Estimating Life Span of Proxima Centaurians

If the same individuals made multiple round trips:

- **One round-trip at 0.2c: ~41.5 subjective years**
- **Two round-trips: ~83 subjective years**
- Add time spent on Earth → **~90–100 years total**

So:

- If they returned more than once and remained biologically active, their species would need to have lifespans of **100+ Earth-equivalent years**, or use some **form of cryogenic suspension, longevity tech, or multi-generational ships**.

Conclusion: At 0.2c, relativistic effects exist but aren't dramatic. However, for one being to make repeated visits, they would likely need **exceptionally long lifespans** or **advanced stasis technology**.

Anything is possible!

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We were here

We cared

We built

Anything is possible