



Britannica
Library

Reference Center

ASK Britannica

Safe. Reliable. Built for Library Research.

Turn curiosity into meaningful exploration with responsible AI, powered by Britannica's trusted content. **Ever Wondered? Just ASK Britannica!**

NEW! ASK Britannica...

YOUR QUESTIONS. OUR ANSWERS, POWERED BY AI.



NEW! ASK Britannica... YOUR QUESTIONS. OUR ANSWERS, POWERED BY AI.

Why don't humans live on Mars?

While human exploration of Mars is still decades away, the technical difficulties of getting people to Mars and back are not insurmountable. The main difficulty lies in justifying the tremendous costs and risks with a compelling rationale.

Challenges of Living on Mars

- Atmosphere** The Martian atmosphere is very thin, exerting less than 1 percent of Earth's atmospheric pressure at the surface and is composed mainly of carbon dioxide.
- Temperature** The characteristic temperature in the lower atmosphere is about 200 K (−100 °F, −70 °C), which is generally colder than the average daytime surface temperature of 250 K (−10 °F, −20 °C).
- Dust Storms** Dust storms are common on Mars and can become global, obscuring the entire surface and reducing visibility.

← Q1 →

Sources

Related Questions

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ASK Britannica Is Designed To Enhance Educational Discovery While Adhering To Responsible AI Practices.

While this tool augments learning and content exploration, it may contain errors as the technology evolves. It serves as a complement to, not a replacement for, Britannica's core knowledge base. Users should verify all information against Britannica articles. The system does not retain or leverage any student or instructor data.

Click Here To Find Out More.

What Is ASK Britannica?

ASK Britannica is an AI-powered question-and-answer tool embedded in the Reference Center level of Britannica Library. It helps advanced and adult patrons ask thoughtful, natural-language questions and get concise, trustworthy answers, sourced from Britannica's expert-reviewed content.

Search Made Simple

Ask natural-language questions and instantly receive reliable answers sourced from Britannica's content. No sifting through endless results, no distractions, just the facts.

Responsible AI

Unlike open-source AI tools, ASK Britannica is built specifically for learning. It won't write term papers, respond to inappropriate questions outside of the educational scope, or rely on unverified data.

 Britannica
EDUCATION

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Learn more: britannicaeducation.com/britannica-library



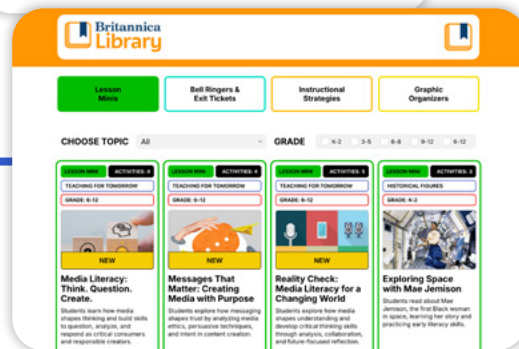
Learning with ASK Britannica

Use ASK to jump-start patron research, build inquiry-based thinking, or introduce digital literacy concepts. Perfect for media centers, research labs, and introductory AI sessions.



NEW: Teach Britannica

Educator resources to enhance learning



Teach Britannica

Enhance research and critical thinking with ready-to-use resources designed by educators, for librarians and educators alike.



A Trusted Resource

As public libraries navigate the expanding world of artificial intelligence, one thing is clear: trust, transparency, and purpose-driven design matter. That's why Britannica Education is proud to offer a safe AI solution that fits directly into your library's responsible use strategy.

Safe for Public Libraries

No open-web results

All answers are grounded in Britannica's vetted database. No misinformation or distractions.

Won't write essays or give test answers

ASK supports inquiry and research, not shortcuts.

Filters inappropriate questions

Designed with patron safety in mind, ASK won't respond to off-topic or inappropriate prompts.

Private & secure

ASK Britannica does not collect personal information or track user activity. Every session is anonymous.

Supports Patron Research

Encourages curiosity

ASK Britannica gives patrons a starting point for research with follow-up questions and linked articles.

Strengthens critical thinking

It helps patrons refine their questions and explore trusted, cited sources, essential for building media literacy.

Supports research goals

Safely introduce AI while maintaining academic integrity.