



Britannica
School

High

ASK Britannica

Safe. Reliable. Built for High School Research.

Turn student 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?



← Q1 →

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.

Was this answer helpful?



Save

Next Question

New Thread

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?

A safe space for students to ask questions and receive instant, reliable answers – without relying on AI sources you can't trust.

Embedded within the High School level of Britannica School, ASK Britannica helps students ask better questions, and get concise, trustworthy answers, **sourced from Britannica's trusted, expert-reviewed content.**

Search Made Simple

Instead of sifting through endless results, students use natural language search to ask questions the way they think – and get clear, age-appropriate answers they can trust.

Responsible AI

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



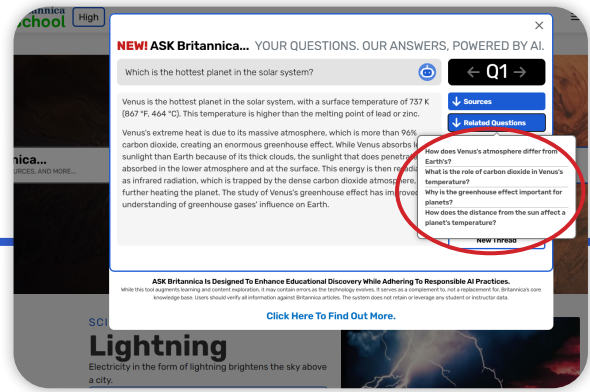
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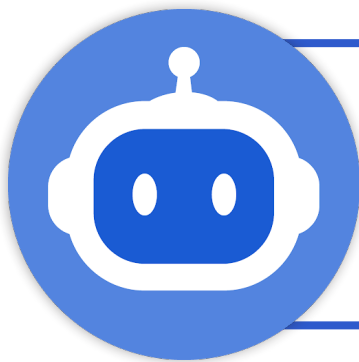
Teaching with ASK Britannica

Use ASK to jump-start student research, build inquiry-based lessons, or introduce digital literacy concepts. Perfect for classrooms, media centres, and research labs.



Encourage Deeper Thinking

ASK doesn't just give an answer; it prompts students to explore further, encouraging critical thinking, curiosity, and deeper learning.



A Trusted Resource

As schools 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 classroom-safe AI solution that aligns with the Australian Framework for Generative AI in Schools.

Safe for Classrooms

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 student 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 Student Learning

Encourages curiosity

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

Strengthens critical thinking

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

Supports classroom goals

Safely introduce AI while maintaining academic integrity.