

**Why are scientists so excited about returning to the Moon?**

**Hear all about it on our podcast:**  
[nasa.gov/gravity-assist](https://nasa.gov/gravity-assist)



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it's been 50 years since Neil Armstrong and Buzz Aldrin took a giant leap in

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space exploration by setting foot on the Moon. Now, NASA's making plans to send

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people back there by 2024, paving the way for future exploration of Mars. But wait

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a minute! What's so special about our Moon anyway?

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Hi, I'm Jim Green, NASA's Chief Scientist. In this season of NASA's Gravity Assist

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podcast, we'll be exploring the Moon as we've never done before. We'll look at

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its mysteries, its origins. Why do we even have a Moon? Why are scientists so

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excited about getting samples and bringing them back for analysis? Can we

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go and drink the water? It's frozen in those permanently shadowed craters in

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the North and South Poles. Some of the world's top experts on the Moon will

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share their knowledge and perspectives.  
We'll also let you, the listeners, ask