

*Why can we only see one side of the Moon?*

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Did you know we can only see one side of the Moon from Earth? Because the moon rotates exactly once as it orbits the Earth, the far side of the Moon is always hidden from our view. We call this situation "tidal locking"! The Moon is "tidally locked" to the Earth! The far side of the moon that we cannot see, is sometimes called the "dark side". But it is not really dark, and has been seen from spacecraft! However, because the far side faces away from Earth, it is shielded from Earth's noise, such as radio waves. Scientists have discussed building a radio telescope on the Moon's far side, to detect radio waves coming from space without interference from Earth. What might we discover from such a quiet location?