MADE WITH LITTLE STORYBOOK

The Spinning Ball and the Lamp

Visual lesson



Two Skies, One Moment

Imagine it's bedtime for you — the stars are out and the world is quiet. But right at this very same second, a kid on the other side of the world is eating breakfast in bright sunshine! Same moment, two completely different skies. How can it be dark for you and sunny for them at the exact same time? Let's find out together, using nothing but a ball and a lamp.





The Lamp Lights Only Half

Grab an orange and put a tiny sticker on it — that sticker is you. Hold a steady lamp as the Sun, and notice it only lights one side; the far side stays in shadow. Big idea: the Sun always shines, but it can only light half of Earth at once.

TALK ABOUT IT

Where is the day half?

Spin Toward the Light

Now slowly spin the orange while the lamp stays still, and watch your sticker roll from shadow into light. Quick guess: what makes morning — does the Sun fly up, or do we spin toward it?

TALK ABOUT IT
What makes morning?





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Not One Big Light Switch

Lots of people think it's day everywhere at once, like one giant switch for the whole planet. But your spinning orange proves that's impossible — half is always in shadow. And the wow fact: because Earth spins steadily, a brand-new sunrise begins somewhere every single minute.

TALK ABOUT IT

It is daytime everywhere at once.

Riding the Same Spinning Earth

So the Sun lights only half of Earth, our planet spins all the way around once a day, and that turning carries each of us from light into shadow and back. Next time someone says "good night," picture a kid far away stretching and saying "good morning" — it's day on your side, night on theirs, because Earth is always turning.



Check your wonder

1 **How much of Earth can the Sun light up at once?**

- **A.** Half
- **B.** All of it
- **C.** None

2 **What really makes morning happen?**

- **A.** We spin toward the Sun
- **B.** The Sun flies up

3 **While it's night on your side, the far side is...**

- **A.** In bright daytime
- **B.** Also dark

ANSWERS 1-A 2-A 3-A

1. Exactly — the Sun only lights up half of Earth, so the other half is in shadow. 2. Yes! Morning is us turning toward the Sun, not the Sun coming to us. 3. Right — it's day on your side, night on theirs, because Earth is always turning.

THE END

Visual lesson



Put your child in this story

Free to try. Scan the code or visit

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