

Design a Two-Moon Earth

Use real science clues, then invent a world with two moons.

Science clues

A moon can affect tides through gravity. Brightness depends on reflected sunlight.

The exact result depends on each moon's mass, distance, position, and orbit.

1. Draw your two-moon night sky

2. Make predictions

Would nights be brighter?

Would tides be simpler or

more complicated?

Could eclipses change?

3. Build your explanation

Complete the sentence: "My second moon would change Earth because..."

Challenge: What information would a scientist need before making a more exact prediction?