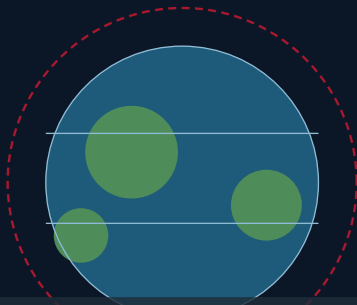


Can a faraway planet have a lopsided sky?

SKILL: COMPARE

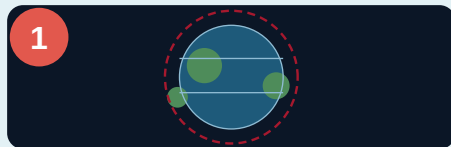


A planet with an uneven edge

WHAT HAPPENED

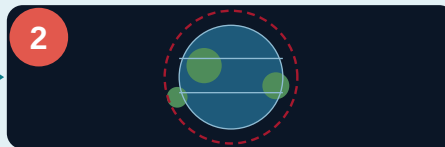
Last week we guessed about ships in a narrow sea. Fewer got through. This week, scientists used the Webb space telescope to look at a hot planet called WASP-17b. Its sky is lopsided: it reaches farther on one side than the other.

HOW IT WORKS



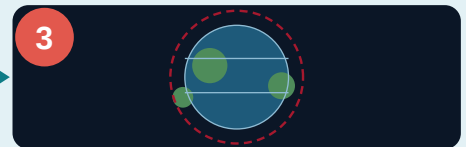
HOT SIDE

One side of the planet is warmed by its star.



WIND BLOWS

Winds carry heat toward the darker side.



LOPSIDED SKY

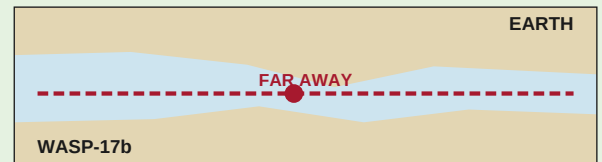
The sky reaches farther on one side than the other.

IT REACHES YOUR HOME



Sunshine warms our planet too. Wind moves warm air to cooler places. That is part of why the weather changes where you live.

FIND IT ON A MAP



WASP-17b is about 1,300 light-years away. That is much too far to visit! Draw what you think its sky looks like.

TRY IT: WARM SIDE, COOL SIDE

- 1 Go outside on a sunny day with a grown-up.
- 2 Touch a wall in the sun. Then touch a wall in the shade.
- 3 Which side feels warmer? Why do you think so?

TALK TOGETHER

1. Which side of our home feels warmer in the afternoon?
2. What do you think wind does to warm air?

For grown-ups: Today's skill is compare: look at two things and say how they differ. Ask "what do you notice?" Don't correct; add one more detail.

NEXT WEEK

Will it be sunny or cloudy where we live next Saturday?
Write or draw your guess, then check next week.

Your guess