

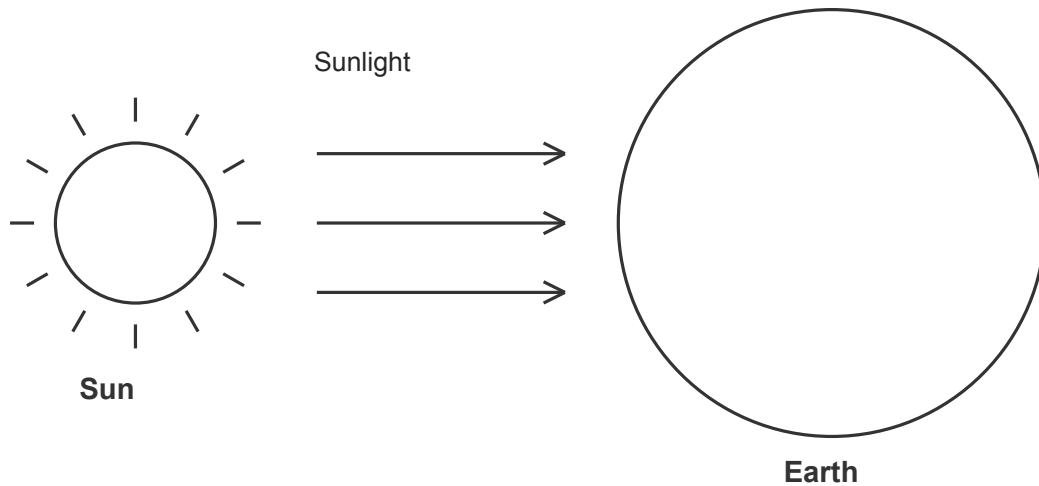
Where does nighttime begin?

Look, draw and explain with Nina.

Name: _____

Date: _____

1. Shade the night side. Draw a little house on the day side.



2. What happens to your house when Earth turns? Draw or tell.

3. Circle what makes day and night.

Earth turns

The Sun switches off



Scan for the guide and activity

ninaslittleuniverse.com/learn/day-and-night

A little turn makes day and night

10-minute lesson | Suggested ages 5-8, with adult support

THE TEN-MINUTE PLAN

0-2 min | Ask and predict

Ask: Where does the sunshine go at night? Invite two ideas. Tell children they will follow one home on a turning Earth.

2-5 min | Watch, pause, turn

Open Day & night. The model starts moving automatically; press Pause to choose one place together. Move the paper tab slowly and follow that same place from the bright side to the dark side. Ask children to predict before each turn.

5-8 min | Make a record

Hand out worksheet page 1. Children shade the night side, add a house on the day side, then draw or tell what happens as Earth turns. Read the final choice aloud. A partner or adult can write a child's words.

8-10 min | Explain and check

Ask: What moved to make night at our house? Listen for Earth turns. Invite a child to point to a place having daytime while the house has nighttime. Use the model again if they say the Sun switches off.

Open the activity

ninaslittleuniverse.com/?chapter=day-night

Science reference: NASA

<https://science.nasa.gov/earth/facts/>

Learning goal

Children can explain that Earth turning brings a place into sunlight and then into darkness.

Before the lesson

One shared screen, a pencil, and page 1 of the worksheet for each child or pair. No colour printing needed.

Suggested answers

1. With the Sun drawn on the left, shade the right half of Earth. Put the house anywhere on the left, sunlit half.
2. Accept a drawing, gesture or explanation showing the same house turning away from sunlight into night.
3. The correct final choice is Earth turns. Different places can have day and night at the same time.

Adapt it

For younger children, point and explain aloud instead of writing. For an extra challenge, ask them to add a second home on the opposite side and compare its time of day.



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