SCIENCE · DAY AND NIGHT · GRADES K–1

Day or Night?

Cut out ten cards and glue each one under day or night.



Name: _____ **Date:** _____

Glue each card under day or night.

Day	Night

✂ **Cut out the cards on the dashed lines.**

go to sleep	go to school	see the stars	the rooster crows	put on pajamas
eat breakfast	play at recess	bats fly	see the sun	owls hunt

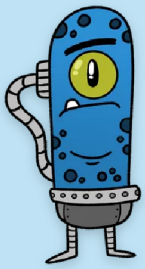
Art © Kevin Coulston

SCIENCE · DAY AND NIGHT · GRADES 2–4

Earth Spins: Day and Night

Label the sun, Earth, day and night on the diagram, then fill in five sentences about Earth's spin.

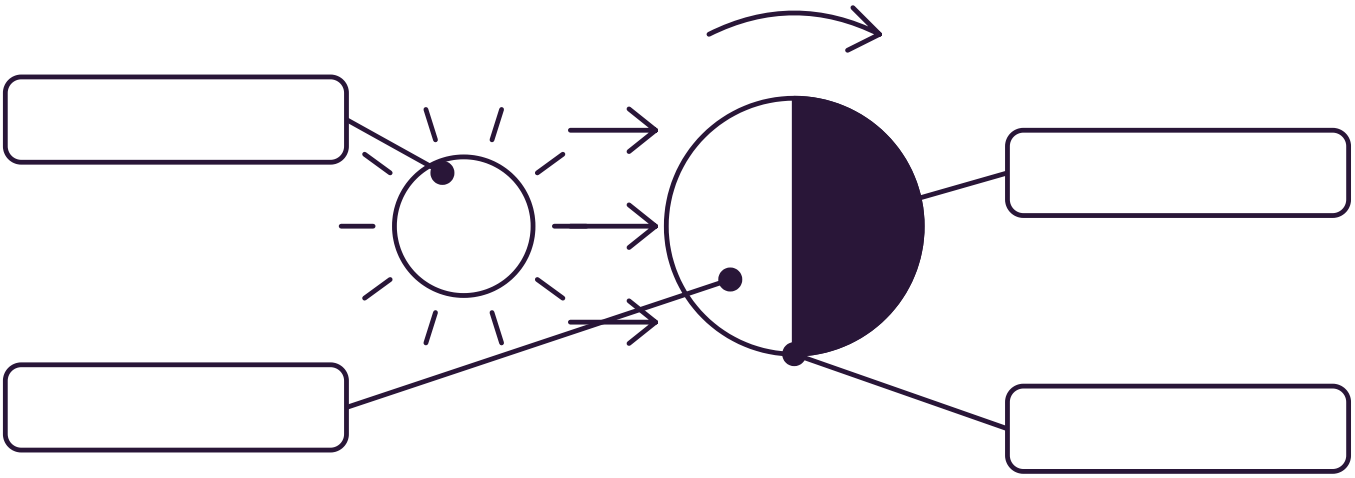
Name: _____ **Date:** _____



Word bank

sun | Earth | day | night | east | west | 24

1. Label the diagram. The arrow shows Earth spinning.



2. Fill in the blanks.

1. Earth spins around once every _____ hours.
2. The side of Earth facing the sun has _____.
3. The side facing away from the sun has _____.
4. The sun seems to rise in the _____.
5. The sun seems to set in the _____.

Art © Kevin Coulston

SCIENCE · DAY AND NIGHT · GRADES 1–3

Nocturnal or Diurnal?

Sort ten animals into the ones awake at night and the ones awake in the day.



Name: _____ **Date:** _____

Nocturnal animals sleep in the day and are awake at night. **Diurnal** animals are awake in the day and sleep at night, like most people.

Write each animal in the right column.

squirrel · butterfly · honeybee · bat · raccoon · firefly · moth · eagle · chicken · owl

Nocturnal (awake at night)	Diurnal (awake in the day)

Big eyes help many nocturnal animals. Why do you think that is?

_____

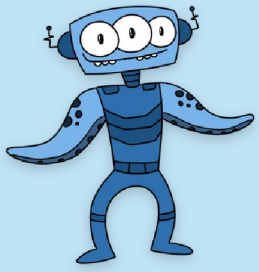
_____

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SCIENCE · DAY AND NIGHT · GRADES 3–5

How Long Is the Day?

Write the sunrise and sunset times once a week for six weeks, work out the hours of daylight and explain the change.



Name: _____ **Date:** _____

How to do it: once a week, look up today's sunrise and sunset times in a weather app or newspaper. Subtract to find the hours of daylight. **Example:** sunrise 7:00 a.m., sunset 5:00 p.m. = 10 hours.

Date	Sunrise	Sunset	Hours of daylight
Week 1			
Week 2			
Week 3			
Week 4			
Week 5			
Week 6			

Longest day _____ **Shortest day** _____

Are the days getting longer or shorter? What season is coming next?

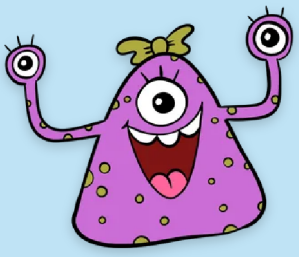
Art © Kevin Coulston

SCIENCE · DAY AND NIGHT · GRADES K–1

My Day and My Night

Draw something you do in the day and at night, then trace a sentence.

Name: _____ **Date:** _____



In the day I...

At night I...

In the day we see the sun. At night we see the moon and stars.

sun

moon and stars

Trace the sentence.

Earth spins every day.

Art © Kevin Coulston

ANSWER KEY · DAY AND NIGHT · GRADES K–1

Answer Key: Day or Night?

Answers for grown-ups. Some questions have more than one good answer.



Glue each card under day or night.

Day	Night
eat breakfast	go to sleep
see the sun	see the stars
play at recess	owls hunt
the rooster crows	bats fly
go to school	put on pajamas

✂ Cut out the cards on the dashed lines.

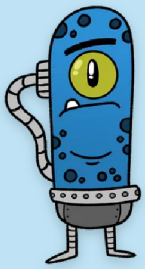
go to sleep	go to school	see the stars	the rooster crows	put on pajamas
eat breakfast	play at recess	bats fly	see the sun	owls hunt

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ANSWER KEY · DAY AND NIGHT · GRADES 2–4

Answer Key: Earth Spins: Day and Night

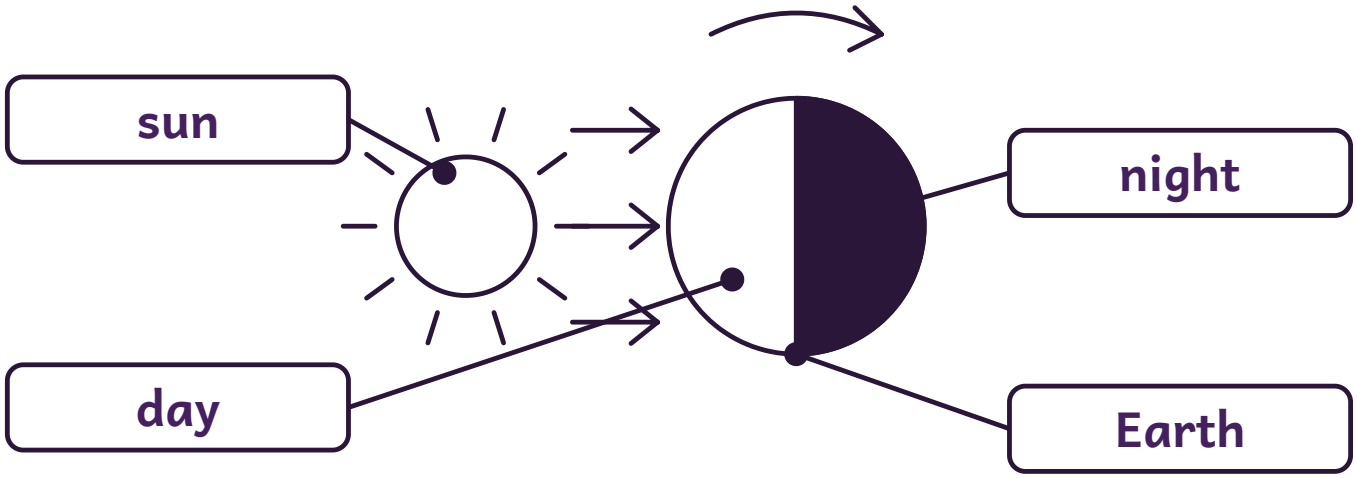
Answers for grown-ups. Some questions have more than one good answer.



Word bank

sun | Earth | day | night | east | west | 24

1. Label the diagram. The arrow shows Earth spinning.



2. Fill in the blanks.

1. Earth spins around once every **24** hours.
2. The side of Earth facing the sun has **day**.
3. The side facing away from the sun has **night**.
4. The sun seems to rise in the **east**.
5. The sun seems to set in the **west**.

Art © Kevin Coulston

ANSWER KEY · DAY AND NIGHT · GRADES 1–3

Answer Key: Nocturnal or Diurnal?



Answers for grown-ups. Some questions have more than one good answer.

Nocturnal animals sleep in the day and are awake at night. **Diurnal** animals are awake in the day and sleep at night, like most people.

Write each animal in the right column.

squirrel · butterfly · honeybee · bat · raccoon · firefly · moth · eagle · chicken · owl

Nocturnal (awake at night)	Diurnal (awake in the day)
owl	butterfly
bat	squirrel
raccoon	eagle
firefly	honeybee
moth	chicken

Big eyes help many nocturnal animals. Why do you think that is?

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