

CONNECTIONS TO SCIENCE GUIDES

GEORGIA YOUTH SCIENCE & TECHNOLOGY CENTERS, INC.

LITTLE OWL'S NIGHT BY: DIVYA SRINIVASAN

CAN'T FIND THE BOOK?
READ-ALOUDS ARE AVAILABLE
ON YOUTUBE.



ASK

- What can we see in the nighttime sky?
- What can we see in the daytime sky?
- Are there any things we can see in both the nighttime and daytime sky?
- Have you ever thought about being an astronomer?

EXPLORE

LITTLE OWL'S NIGHT & DAY

Materials:

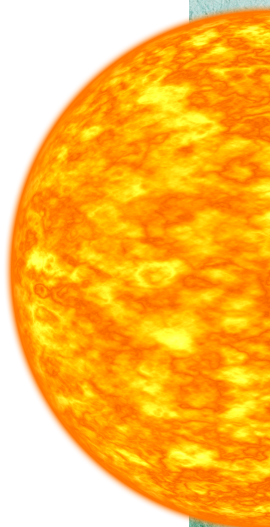
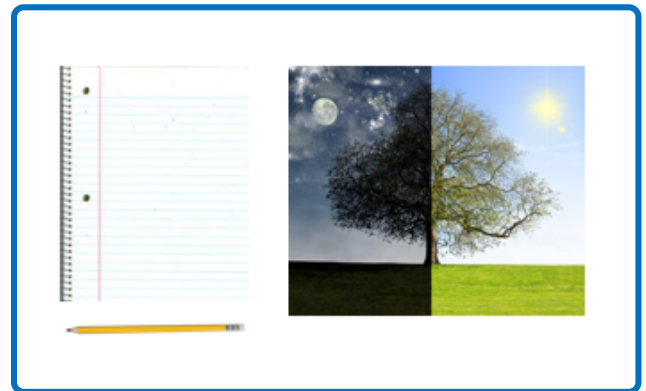
- Paper
- Pencil
- An outdoor space you can observe during the day and at night

Directions:

- Begin by making three columns on your paper.
- At the top of each column write day, night, and both.
- Find an outdoor space and go outside during the day. Write down the things that you see in the day column.
- Using the same outdoor space, go outside during the night. Write down the things that you see in the night column.
- Look at your day and night columns. Is there anything you saw during the day and the night that can be moved to the both column?
- As you are making observations, think about:
 - Why do I see these things in the daytime?
 - Why do I see these things in the nighttime?
 - Why can I see these things in both the daytime and the nighttime?

Fun Facts:

- The longest night of the year is called the Winter Solstice and is usually around December 21.
- The longest day of the year is called the Summer Solstice and is usually around June 21.



EXPLAIN

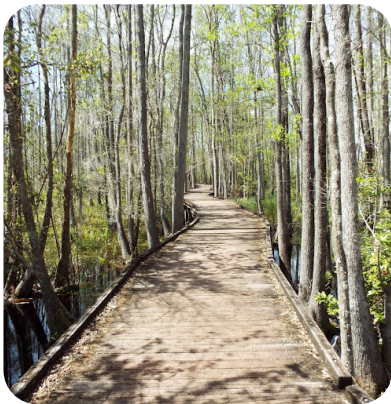
DAY & NIGHT

Earth is a sphere that spins around as it travels around the sun. One side of the Earth faces the sun and one side faces away into space. The side that faces the sun gets light and heat from the sun – this is called daytime. The side that faces away from the sun is darker and cooler – this is called nighttime. It takes 24 hours for Earth to spin around once, so there are 24 hours in a day.



EXTEND

STEPHEN C. FOSTER STATE PARK



The Stephen C. Foster State Park located in the Okefenokee National Wildlife Refuge is certified as a dark sky park by the International Dark Sky Association. After dark, it becomes one of the darkest places in the Southeast - perfect for stargazing! Ranger-led night programs are available.

STEM CAREER

ASTRONOMER

An astronomer studies the sun, moon, planets, stars, galaxies, and everything in between. At work, astronomers gather and analyze data from instruments and create theories about the nature of cosmic objects or their work can be applied to practical problems in space flight, navigation, or satellite communications. If you are interested in the universe, being an astronomer might be for you!



BACKGROUND

The Georgia Youth Science and Technology Centers, Inc. provides quality programs for teachers of STEM subjects that improve the teaching and learning process at the kindergarten through eighth grade levels. We present programs that change students' perceptions and inspire an appreciation for science, technology, engineering, and mathematics subjects.

ABOUT US

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