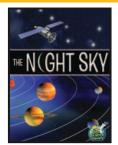
## **MY SCIENCE LIBRARY: THE NIGHT SKY**

## **TEACHER NOTES**



## Summary

This book takes you on a journey through the universe. It explores the Earth, stars, and phases of the moon.

Guided Reading Level	Lexile Level	100th word	Total Word Count
Ν	600	into pg. 5	614

### Standards:

#### Common Core Language Arts

Identify the main purpose of a text

- Summarize the text
- Know and use text features

#### Common Core Science

- Knows that the Earth is one of several planets that orbit the Sun
- Knows that gravitational forces keeps the planets in orbit around the Sun and Moon in orbit around the planets
- Knows that planets look like stars, but over time they appear to wander among the constellations

## Lesson Focuses for Guided Reading (Select lesson focus based on Student's needs)

Writing Craft	Comprehension	Reading Strategies Decoding, & Phonics	Academic Vocabulary
Create and use informational text features such as captions, charts, diagrams Present information through cause and effect Use specificity	using phot knowledge	Reading text features Using graphic features Inference	asteroids meteor astronomers moon phases comet navigate constellations solar system galaxy lunar eclipse

### Lesson

- 1. Warm up for reading Students read familiar books.
- Introduction of The Night Sky Introduce The Night Sky by looking at the cover photo and starting a discussion about what students already know about the shapes of the Moon, the Sun, and the stars. Suggested questions to facilitate introductory conversation:
  - What do you think the Earth's closest neighbor in space is?
  - Can you tell me what you already know about the Moon?
  - What do you think an astronomer is? What do they study?
- Skimming and Scanning The Night Sky Use this time to introduce or review your lesson focus strategies and/or skills. Suggested skimming and scanning prompts:
  - While you are scanning, look for specific text features such as diagrams, and text boxes that will help you understand what you are reading. What do you see? How will they help you?
  - Look at the word on pg. 14 in bold print. What does the word galaxy mean to you? Where else could you find the meaning of this word?
  - Give each student a sticky note before they begin reading. Ask them to write down the page number and main idea of something they find fascinating.
- Reading The Night Sky While students are reading either independently or with a partner, circulate, monitor, and provide necessary support to those who need it. For students who finish early, ask them to reread the text or mark a page they found to be interesting, confusing, or difficult to read.

 After reading The Night Sky – Open the conversation with a question that relates to the comprehension strategy of asking questions and summarizing the main idea. After a brief conversation about the contents of the book move to questions that support your lesson focus.

Suggested after reading content connection questions:

- Why does the Moon seem to shine at night? Is there anything else that lights our night sky?
- Can you explain how the Moon affects the tides?
- Can you tell us what the different Moon phases are?
- Explain why the Moon only appears to change shape. What is really happening?
- Have students share the fascinating fact they marked with their sticky note and share why it is interesting to them.
- Suggested after reading lesson focus prompts:
- I noticed (student's name) using (reading strategy) while you were reading. Did it help with your reading? (Repeat this question to highlight different reading strategies or skills used by students.)
- Did the pictures with captions help you? Tell us how.
- What other text features helped you? Tell us about it. After Reading application for **The Night Sky** – Have students
- **6.** After Reading application for **The Night Sky** Have students complete the Retelling reproducible. Encourage students to use one of the fascinating facts they wrote down on their sticky note.



# **Extension Activity - The Night Sky**

Name:\_\_\_\_\_

Date:

# The Night Sky

Directions: Refer to the book **The Night Sky**. Use one of the fascinating facts you wrote down on your sticky note to draw a picture and answer the questions provided.

1. What was the most interesting part of the book? Draw a picture of it here.

2. Explain your picture. What does it show?

3. What else would you like to learn about this subject?

Retelling