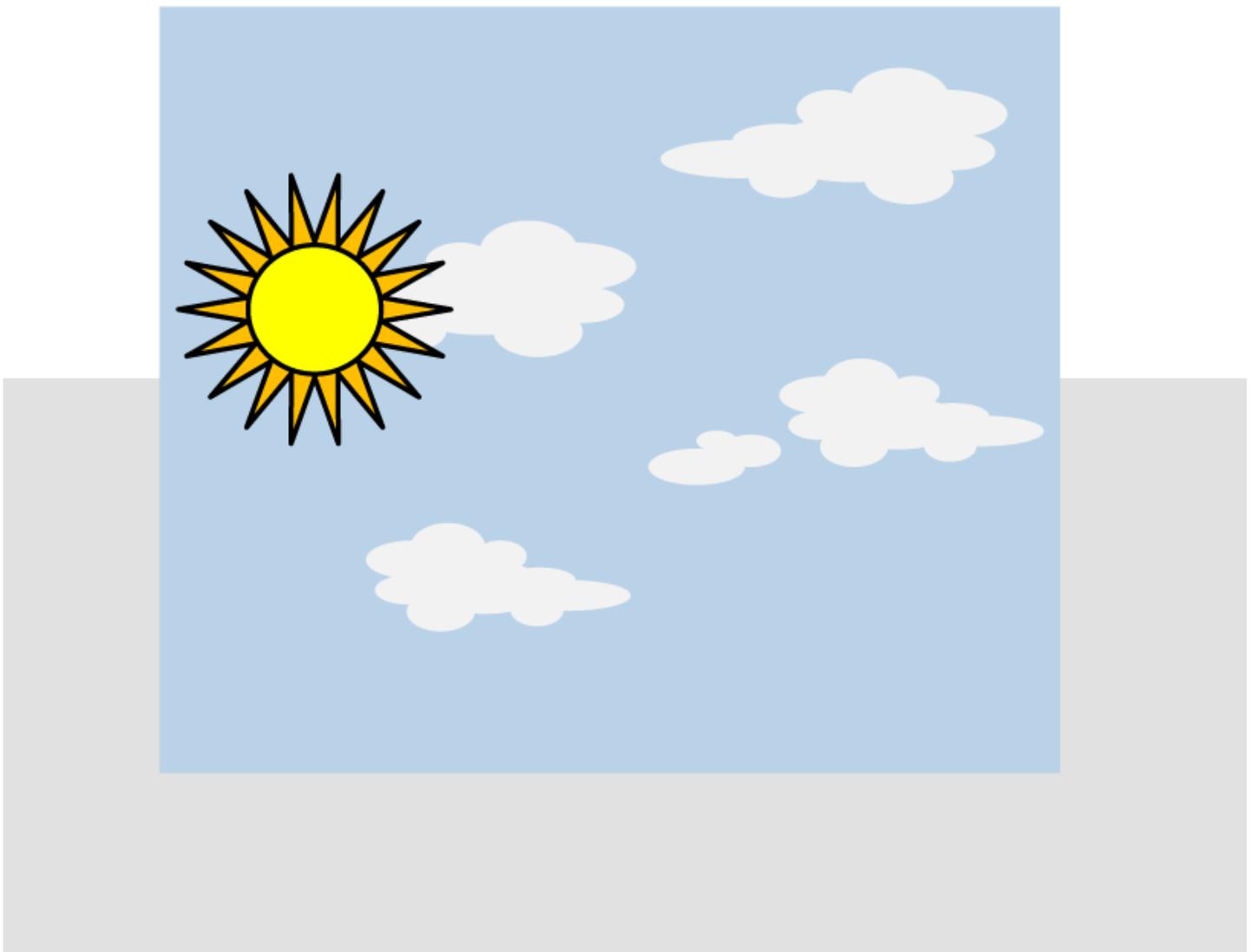


Look Up in the Sky





Unit Overview

Look Up in the Sky

Explore objects found in the sky including the Sun and the Moon.

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Instructional Targets

Science Standards for Earth and Space Science

- Observe and describe the Sun, Moon and stars in relation to day and night.
- Recognize the Sun as a source of energy that gives light and heat.



Differentiated Tasks

Level 3 Students will...

- Explain that the Sun is found in the sky during the day and that the Moon is found in the sky at night.
- Recognize that the Sun provides light and heat.

Level 2 Students will...

- Identify the Sun and Moon as objects in the sky.
- Recognize that light and heat come from the Sun.

Level 1 Students will...

- Identify day and night through various activities.
- Identify the Sun.

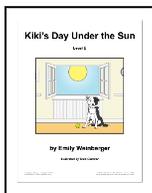


Standards Connection

Look Up!



In this first book of the unit, students follow Emily and Chip as they observe and name objects in the sky. Students learn which objects can be seen in the sky during the day and which objects can be seen at night. They also learn how people sometimes see shapes in the clouds and stars. As you read this book, encourage students to explore the objects they see in the day and night sky. In Lesson 2, students will build comprehension of the story and have the opportunity to answer questions and sort objects by day and night. In Lesson 30, students will write about the Sun, day and nighttime activities and the fall season. Throughout the unit, continue to discuss objects found in the sky, such as the Sun, Moon and stars, and how the Sun provides light and heat.



Kiki's Day Under the Sun

This unit's Easy Read Book extends the concept of observing objects in the sky as students explore the sky patterns of the Sun and Moon. Students read about Kiki, as she watches the Sun rise and set during the day and the Moon rise at night. After reading this book with students, discuss how the Sun follows a pattern as it rises in the morning and sets at night. In Lesson 26, students will follow directions to complete a recipe to make a Sunrise Smoothie, a healthy drink to start the day. In Lesson 28, students are introduced to the idea that the Sun warms the Earth. To test this idea, students will experiment with a lamp and a paper spiral, heating up the air to make the spiral spin.



Phases of the Moon

In Lesson 27, students learn that the Moon moves through different phases. Students learn that a full Moon is when the Moon looks like a round circle in the sky. The students then create the Moon phases with chocolate sandwich cookies and match the Moon Cookies to the Moon phases. As you work through this lesson, encourage students to generalize what the Moon looks like at night. This lesson will help students understand that the Moon does not always look the same, but it is still the same Moon that they are seeing each night.

The n2y Library has several books that may build and extend understanding of the unit concepts:

- **In the Sky** (Levels aa, A and C) looks at different objects that can be found in the sky.
- **Simon Asks, "What Is Light?"** (Levels D and H/I) introduces the concept of light and describes sources of light.
- **Heat and Light From the Sun** (Level H/I) discusses how the Sun is the center of our solar system.
- **Let the Sun Shine** (Level F/G) examines different ways people can use the Sun's energy in everyday life.
- **Sunrise** (Level H/I) evaluates the daily pattern of the Sun's position in the sky.
- **Fly Me to the Moon** (Level F/G) introduces Neil Armstrong and talks about his trip to the Moon.
- **Stars** (Level H/I) explains what a star is and how stars form constellations.

