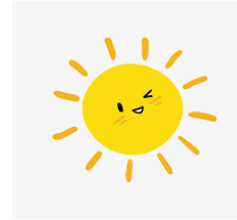


SUNRISE, SUNSET

PURPOSE: The children will observe where the sun rises and where the sun sets.

MATERIALS:

When the Sun Rose by Barbara Helen Berger



PROCEDURE:

1. Observe, WITH AN ADULT, the location of the morning sun. **(CAUTION: DO NOT LOOK DIRECTLY AT THE SUN. IT CAN DAMAGE YOUR EYES!)**
2. Discuss where the sun is located. Is it in the front, back, left, or right side of the house? Which window(s) gets the morning sun?
3. Observe, WITH AN ADULT, the location of the afternoon sun. **(CAUTION: DO NOT LOOK DIRECTLY AT THE SUN. IT CAN DAMAGE YOUR EYES!)**
4. Discuss where the sun is located. Is it in the front, back, left, or right side of the house? Which window(s) gets the late afternoon sun?
5. Compare the location of the sun in the morning to the location of the sun in the afternoon. Is the location the same or different?
6. Repeat this experiment several times. Are your observations the same or different?

HOW IT WORKS: In the morning, the sun is located in the eastern part of the sky. In the afternoon, it is located in the western part of the sky. However, the sun does not move. It looks like it moves because the Earth makes one rotation on its axis every twenty-four hours.



WRITING PROMPT

You know that the location of the sun in the morning is different from the location of the sun in the afternoon.

Think about the location of the sun in the morning.

Think about the location of the sun in the afternoon.

Explain to a family member/friend where the sun is in the morning, and where it is in the afternoon. Have a family member/friend help you write your explanation.

Parent Signature: _____

**FAMILY SCIENCE PROJECT**

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, **OR** you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Complete Website: _____

Writing Prompt (minimum 3 sentences)
