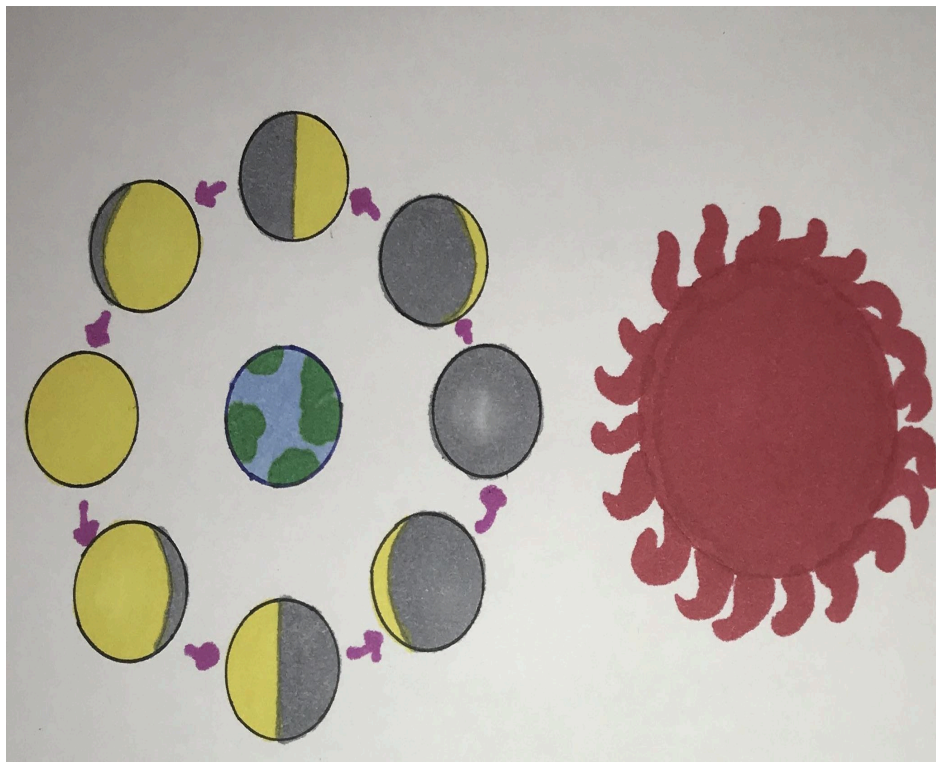


# Oreo Moon Phase Lesson Plan



# Oreo Moon Phase Lesson

(Teacher Notes)

**Safety:** Check any potential food allergies to oreo cookies and help kids wash their hands before they start the activity.

**Materials:**

- Oreo Cookies
- A popsicle stick for scraping frosting
- Oreo Moon Worksheet (printed)

**Teacher Procedure:**

1. Teach the students about what the Moon is, what it looks like, and how it changes its shape.
2. Explain to the students that they will be using Oreo cookies to learn about the phases. Show how to twist and open a cookie so that the frosting is all on one side.
3. Help the students to twist their cookies open and scrape the cookies to illustrate different Moon phases, and ask them to arrange cookies on the worksheet in order.
4. After the activity, the students are allowed to eat their cookies!

SCIENTIST  
Name:

\_\_\_\_\_

EXPERIMENT  
DATE:

\_\_\_\_/\_\_\_\_/\_\_\_\_

# Oreo Moon Phase Lesson

*Let's explore different phases of the  
moon using delicious Oreo cookies!!*



Hi guys! My name is  
Owl the Scientist.  
Today we are going  
use oreo cookies to  
learn about moons!!

1



**New Moon**

Completely (or almost completely) dark.

2



**Waxing Crescent**

A sliver of light on the right.

3



**First Quarter  
(or Half) Moon**

The right half of the Moon is light.

4



**Waxing Gibbous**

Over half of the right side of the Moon is light.

5



**Full Moon**

The entire Moon is bright.

6



**Waning Gibbous**

Over half of the left side of the Moon is light.

7



**Third Quarter  
(also Half) Moon**

The left half of the Moon is now light.

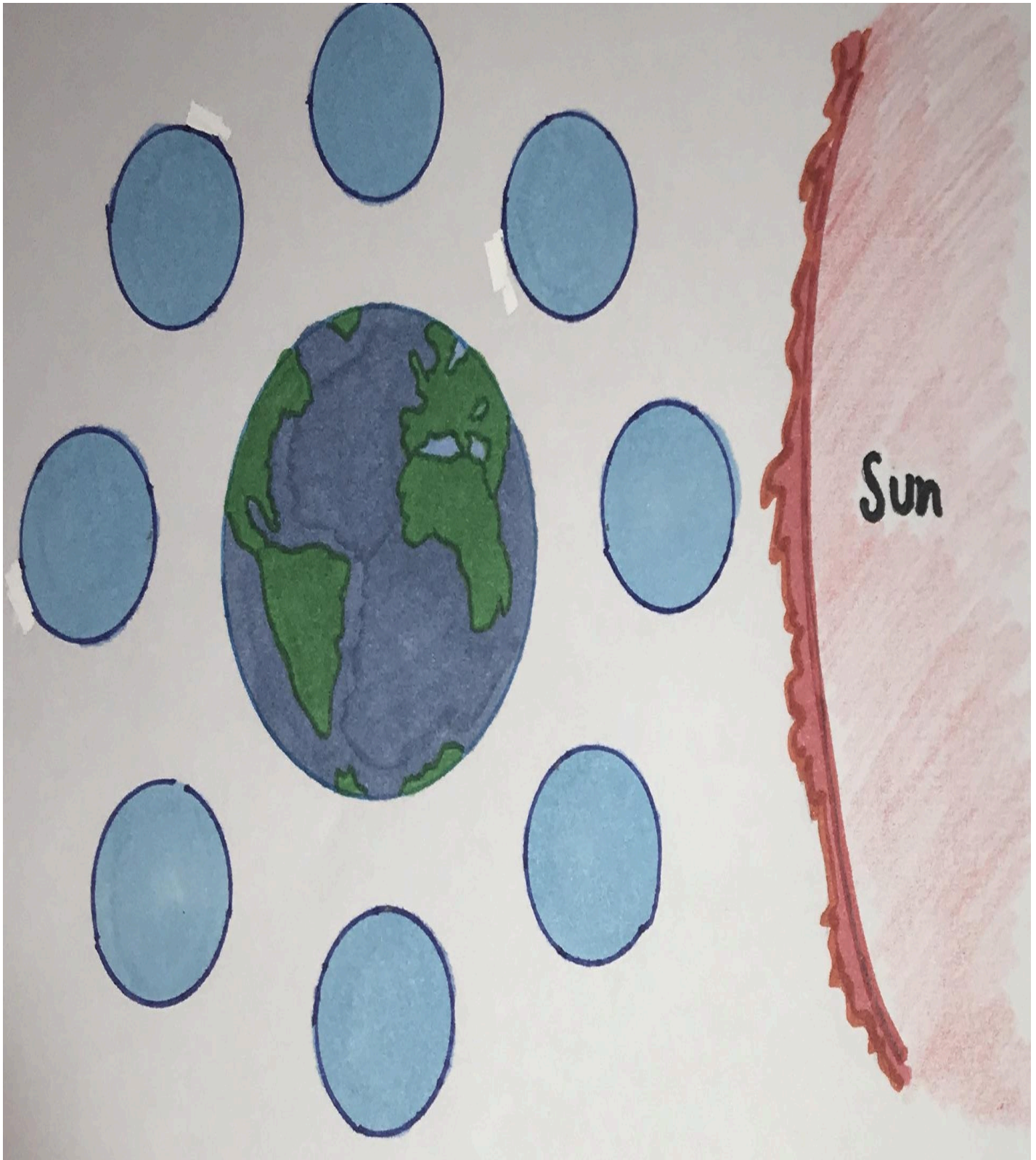
8



**Waning Crescent**

A sliver of light now appears on the left side.

**Place the oreos in an order.**







**Moon phases are formed by changing angles (positions of the Earth), the moon and the sun, as the moon orbits the Earth. Moreover, moon changes from new moon, to full moon, and back every 28 days.**

