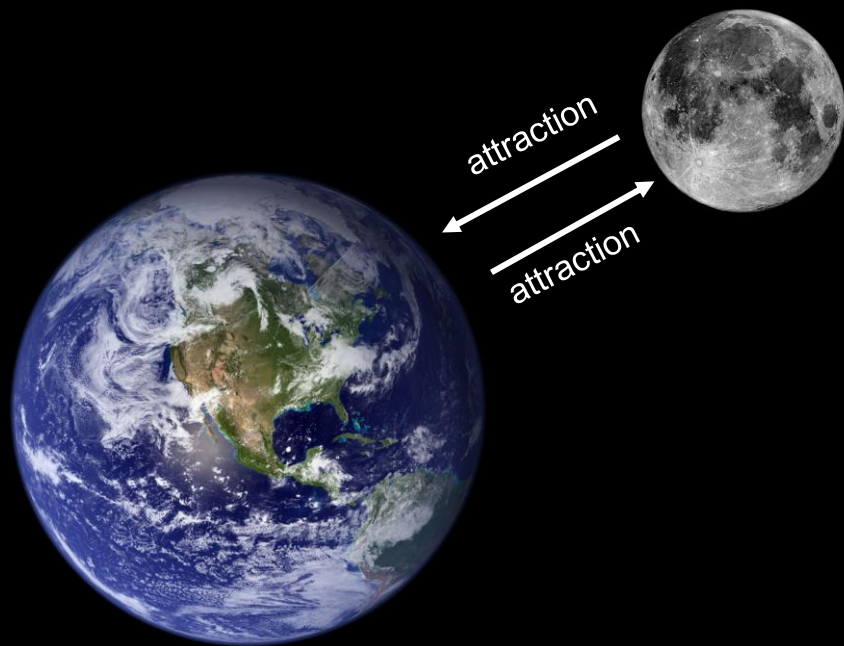


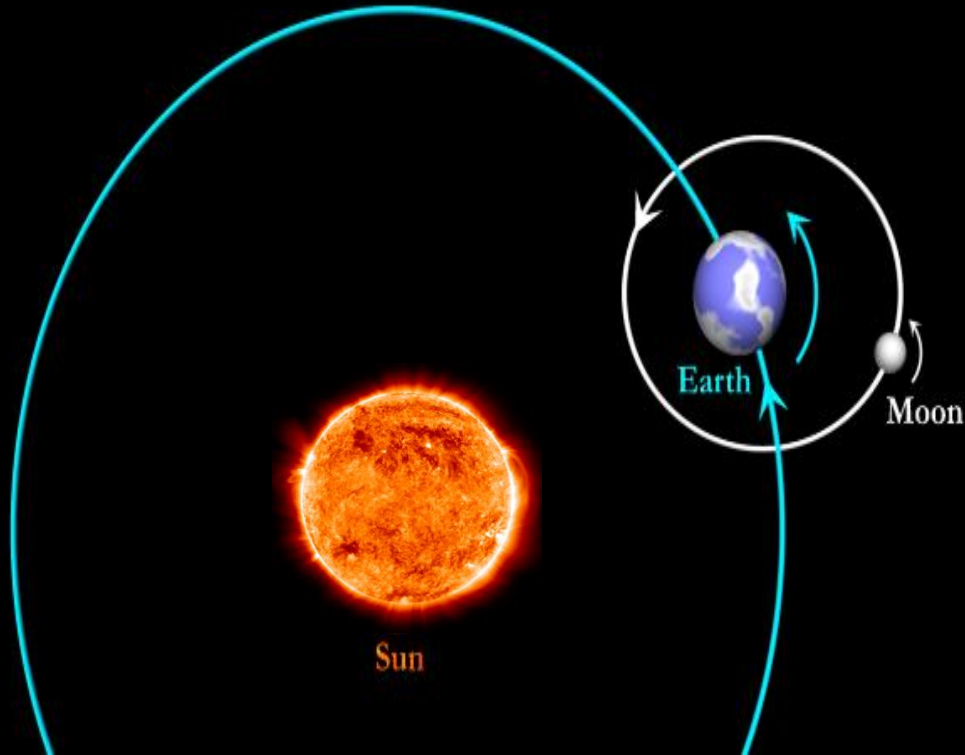
The background of the slide is a black space filled with numerous small white stars. Two large, detailed images of the Moon are positioned in the corners: one in the top right and one in the bottom left, showing various craters and lunar features.

# **The dark side of the Moon**

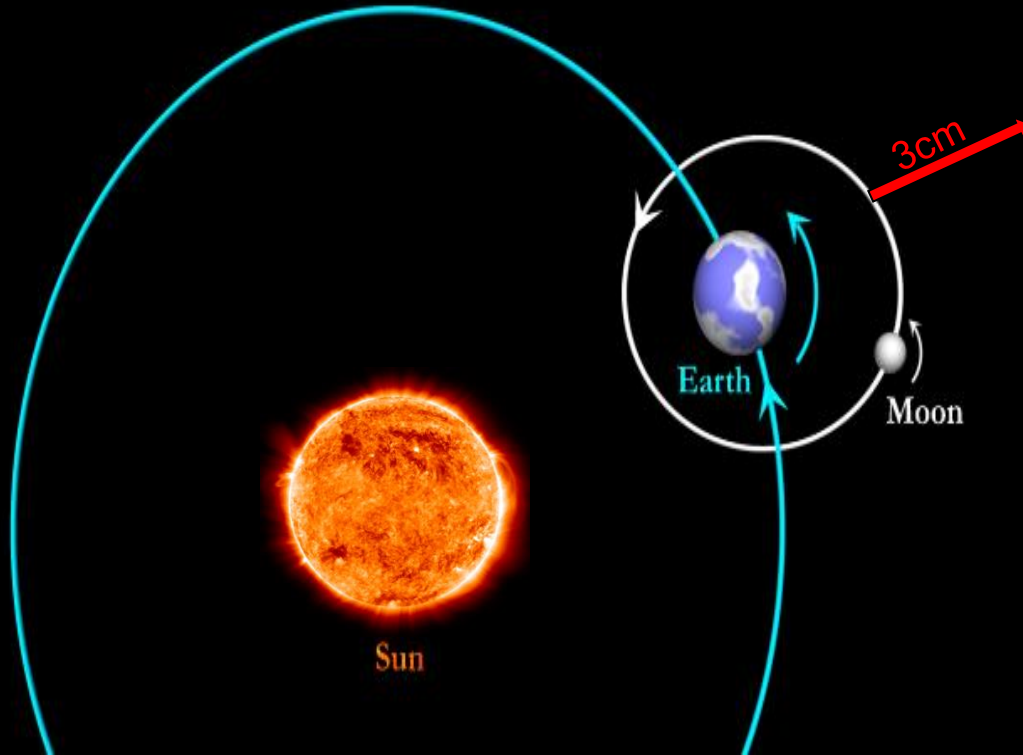
Group: Cecilia, Barbara, Hanna, Tomasz and David



# Why doesn't the moon fly away?



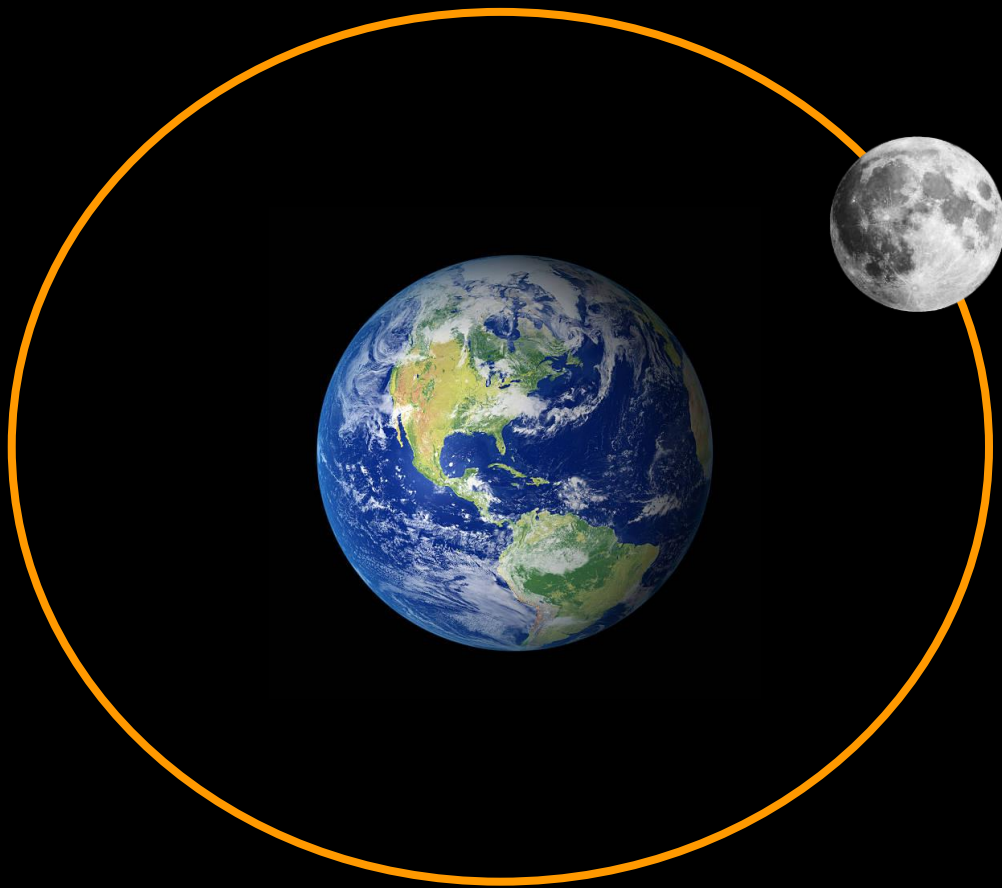
# Why doesn't the moon fly away?



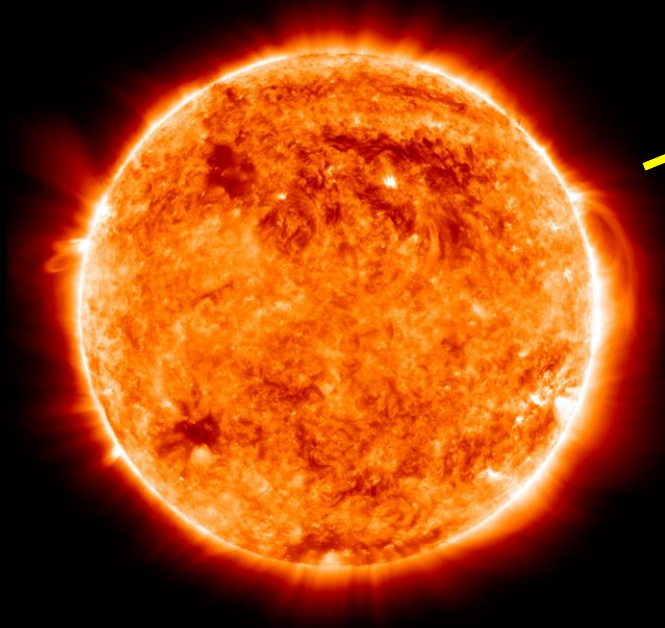
Who has never seen the Moon?







The Moon's orbit

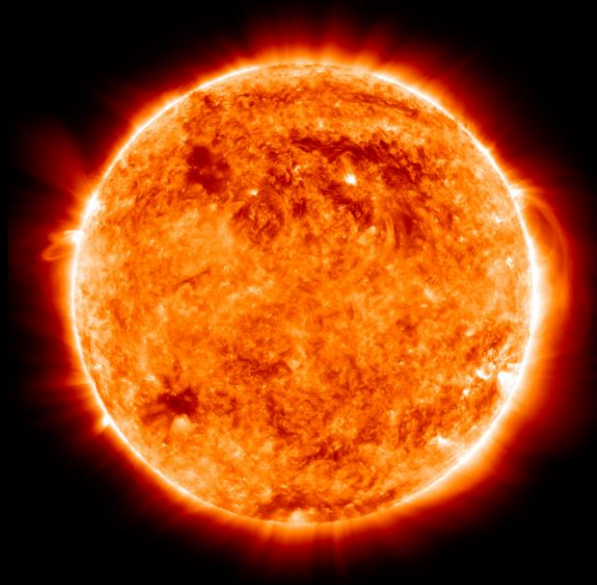


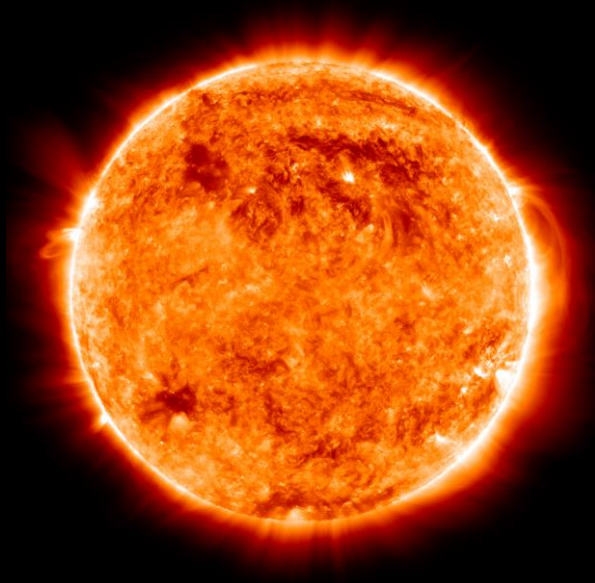
# WHAT ABOUT THE DAY ?

?



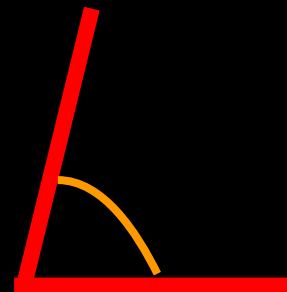
?



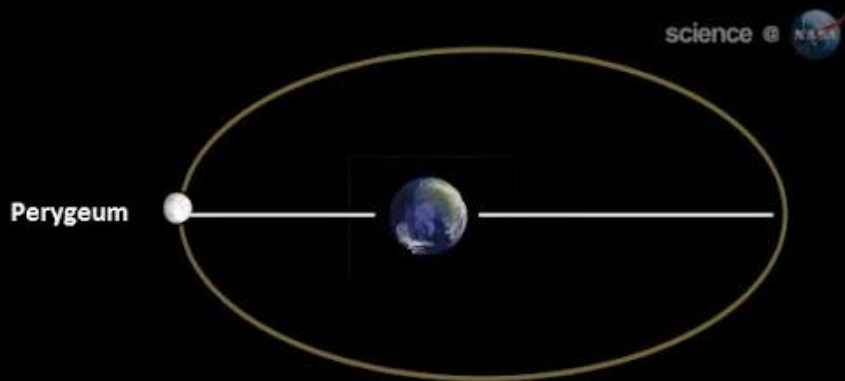




WEATHER



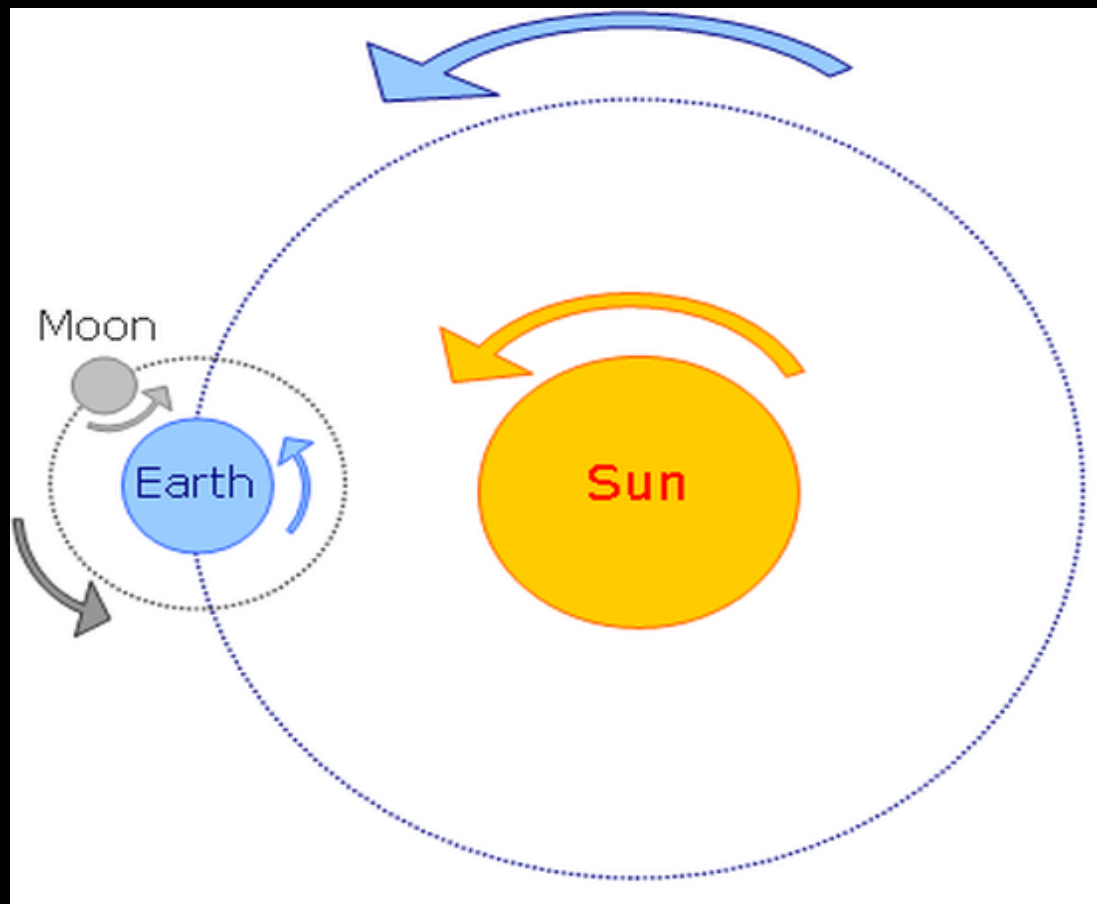
ANGEL



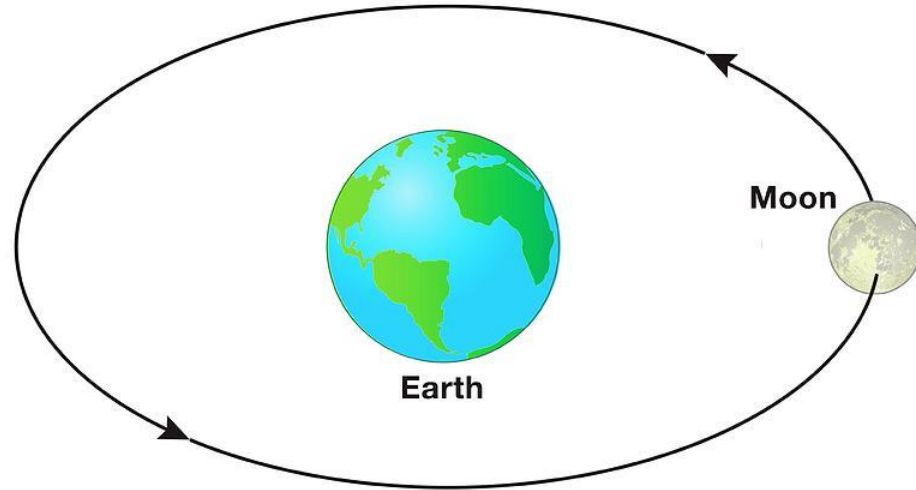
DISTANCE

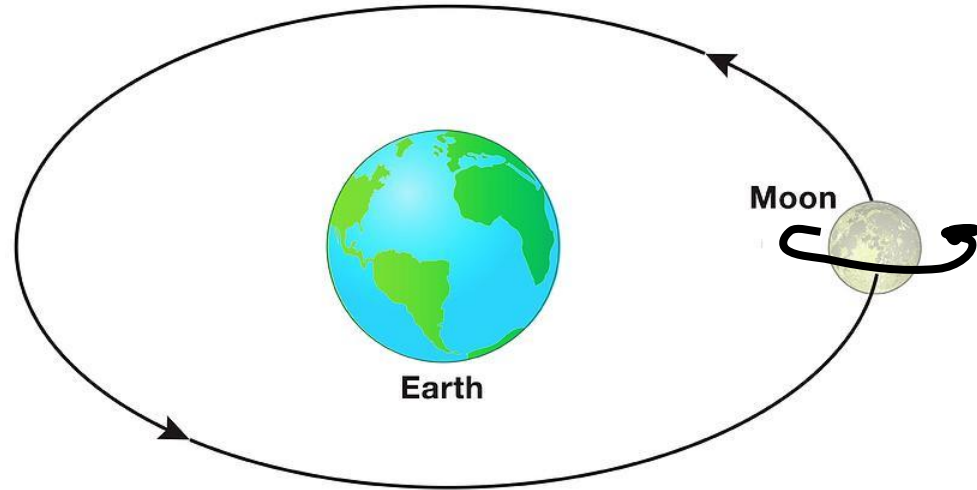
WHERE DOES THE MOON GO  
DURING THE DAY





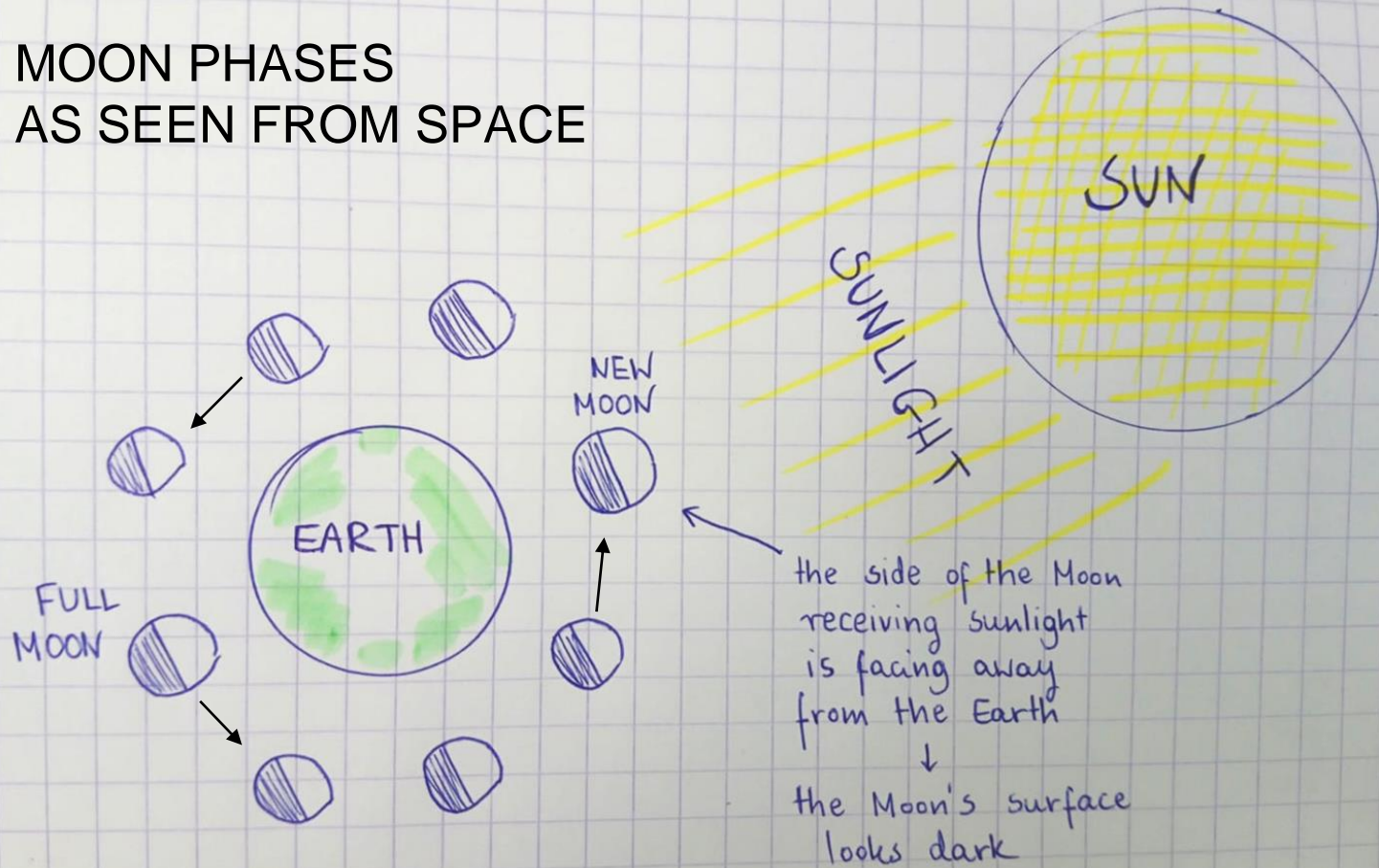








# MOON PHASES AS SEEN FROM SPACE



New Moon ☐

Waxing Crescent ☐

First Quarter ☐

Waxing Gibbous ☐

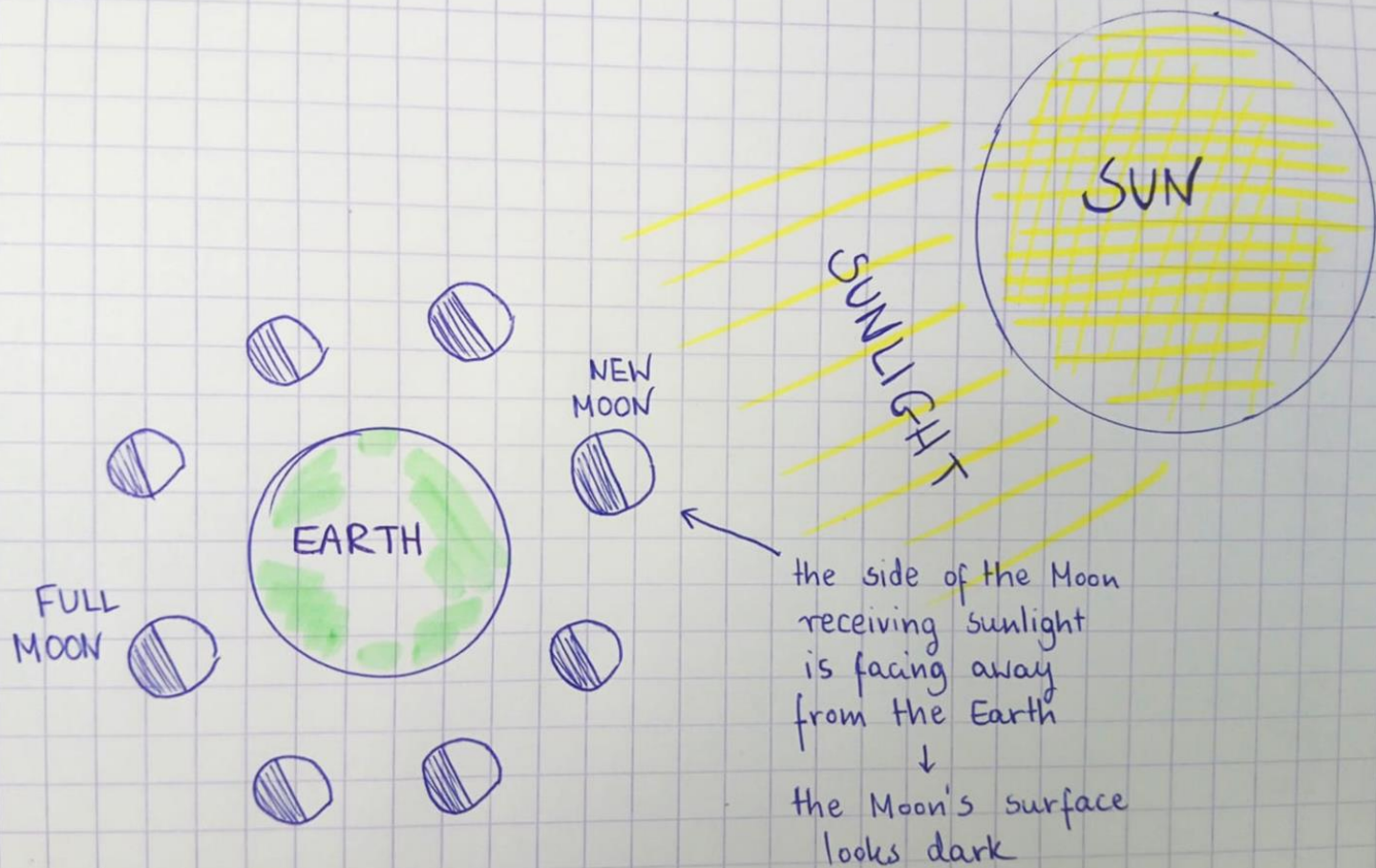
Full Moon ☐

Waning Gibbous ☐

Last Quarter ☐

Waning Crescent ☐





# THE LUNAR CYCLE



How does the Moon play hide and seek with the Earth?



# Lunar Eclipse



**Sun**



**Earth**



**Moon**

the Moon during  
a total lunar eclipse





**Low tide**

**High  
tide**

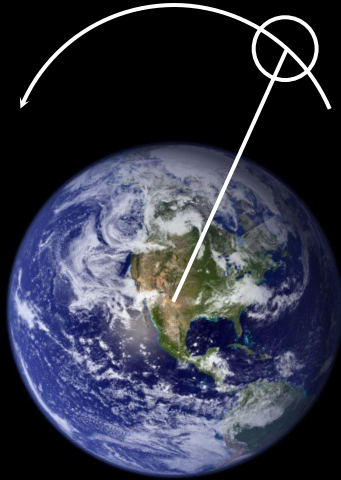


**High  
tide**

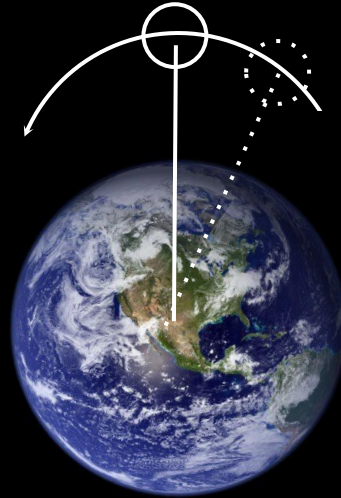


**Low tide**

**Tuesday, 11:00 A.M.**



**Wednesday, 11:50 A.M.**



Sun



Sun



Sun



Sun





**Quiz Time!**

**The Moon attracts the Earth with \_\_\_\_ than the Earth attracts the Moon**

**A. Less force**

**B. It does not attract the earth**

**C. The same force**

**D. Bigger force**

**CORRECT ANSWER:**

**A. Less force**

**B. It does not attract the earth**

**C. The same force**

**D. Bigger force**



**How many cm the Moon moves away from the Earth each year?**

**A. 2cm**

**B. 3cm**

**C. 1cm**

**D. 4cm**

**CORRECT ANSWER:**

A. 2cm

B. 3cm

C. 1cm

D. 4cm



**How does the Moon shine?**

**A. The Moon makes its own light.**

**B. The Moon is magical.**

**C. The Moon shines thanks to its battery  
inside.**

**D. The Moon reflects the Sun rays.**

## **CORRECT ANSWER:**

**A. The Moon makes its own light.**

**B. The Moon is magical.**

**C. The Moon shines thanks to its battery  
inside.**

**D. The Moon reflects the Sun rays.**



**When can we see the Moon during the day?**

**A. When the Moon is on the same side of the Earth as the Sun.**

**B. When the Moon is on the opposite side of the Earth as the Sun.**

**C. It doesn't matter. We can't see the Moon during the day.**

**D. We can see the Moon every day and it doesn't matter on which side is it.**



## **CORRECT ANSWER:**

**A. When the Moon is on the same side of the Earth as the Sun.**

**B. When the Moon is on the opposite side of the Earth as the Sun.**

**C. It doesn't matter. We can't see the Moon during the day.**

**D. We can see the Moon every day and it doesn't matter on which side is it.**

**What is the name of the Moon phase when the Moon is not visible from the Earth?**

**A. Full moon**

**B. Last quarter**

**C. New moon**

**D. Waxing crescent**

**CORRECT ANSWER:**

**A. Full moon**

**B. Last quarter**

**C. New moon**

**D. Waxing crescent**



**Which phase does the lunar cycle begin and end with?**

**A. Full moon**

**B. First quarter**

**C. Waning gibbous**

**D. New moon**

**CORRECT ANSWER:**

**A. Full moon**

**B. First quarter**

**C. Waning gibbous**

**D. New moon**



**Tides are caused by:**


**A. The gravitational forces of the moon and the sun on Earth.**

**B. The gravitational force of the moon on Earth.**

**C. The gravitational force of the sun on Earth.**

**D. The gravitational force of Earth.**

## **CORRECT ANSWER:**



**A. The gravitational forces of the moon and the sun on Earth.**

**B. The gravitational force of the moon on Earth.**

**C. The gravitational force of the sun on Earth.**

**D. The gravitational force of Earth.**

**Tides that have the largest daily tidal range**

**A. Neap Tides**

**B. Spring Tides**

**CORRECT ANSWER:**

**A. Neap Tides**

**B. Spring Tides**

