### **OGUN DIGICLASS**

SUBJECT: GEOGRAPHY

TOPIC: SUN, EARTH AND MOON

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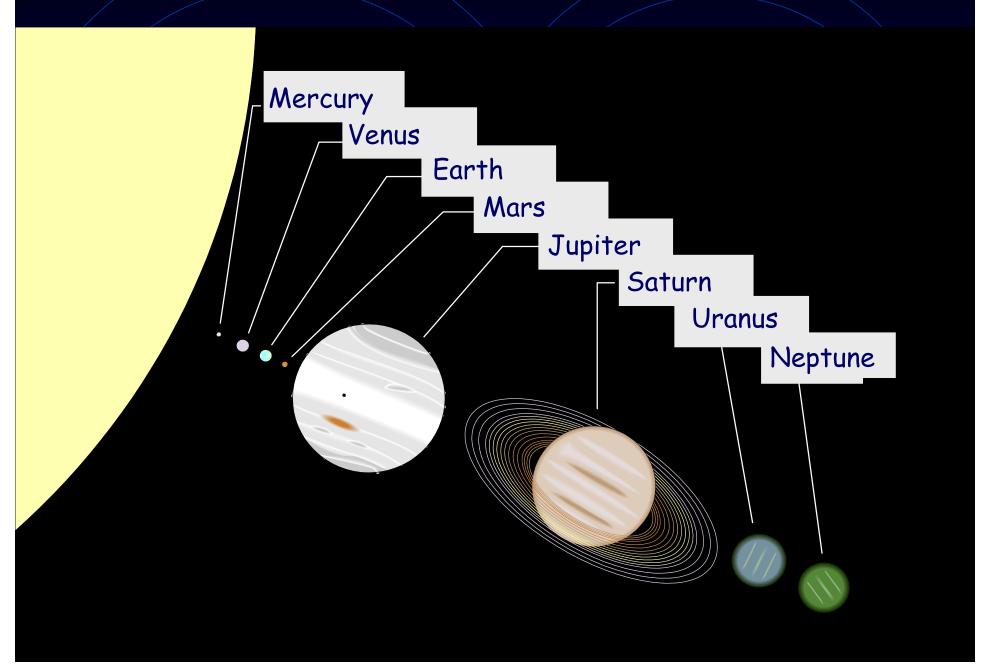
# Learning Objectives

State the planets in the solar system

Describe the relationship among the sun, earth and the moon

Explain the effect of earth movement

#### There are EIGHT planets in our solar system:



## I bet you know the answers!

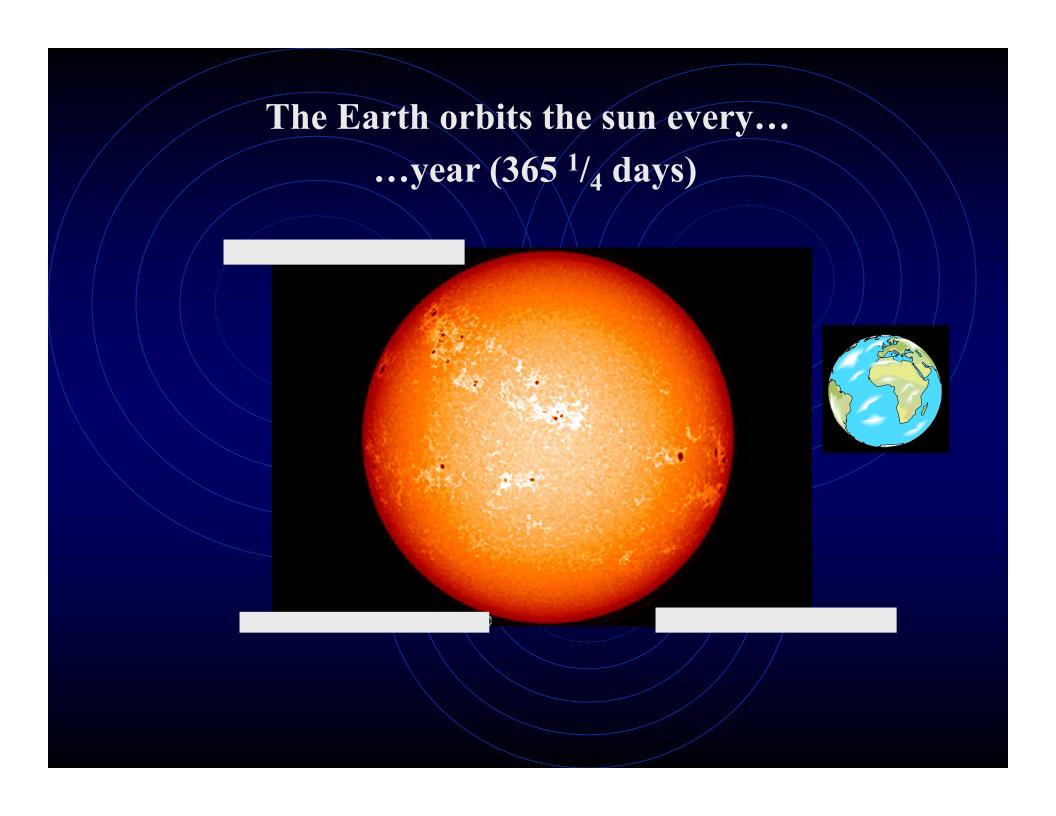
- What causes day & night?
- Which one is bigger the earth or the moon?
- Where does the moon get its light from?
- What percent of the earth is always lit by the sun?
- How many stars are in our solar system?
- How many days does it take for the Earth to revolve around the sun?
- How many low and high tides on Earth every 24 hours?

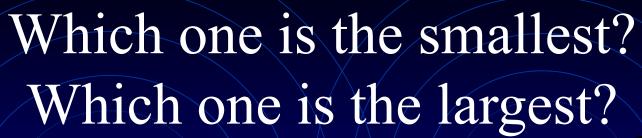
#### THE EARTH

- is the third planet from the Sun,
- rotates on its imaginary axis counterclockwise every 24 hours or 1 day



- appears blue in space because it is 70% water
- revolves around the sun every 365 1/4 days or 1 year.

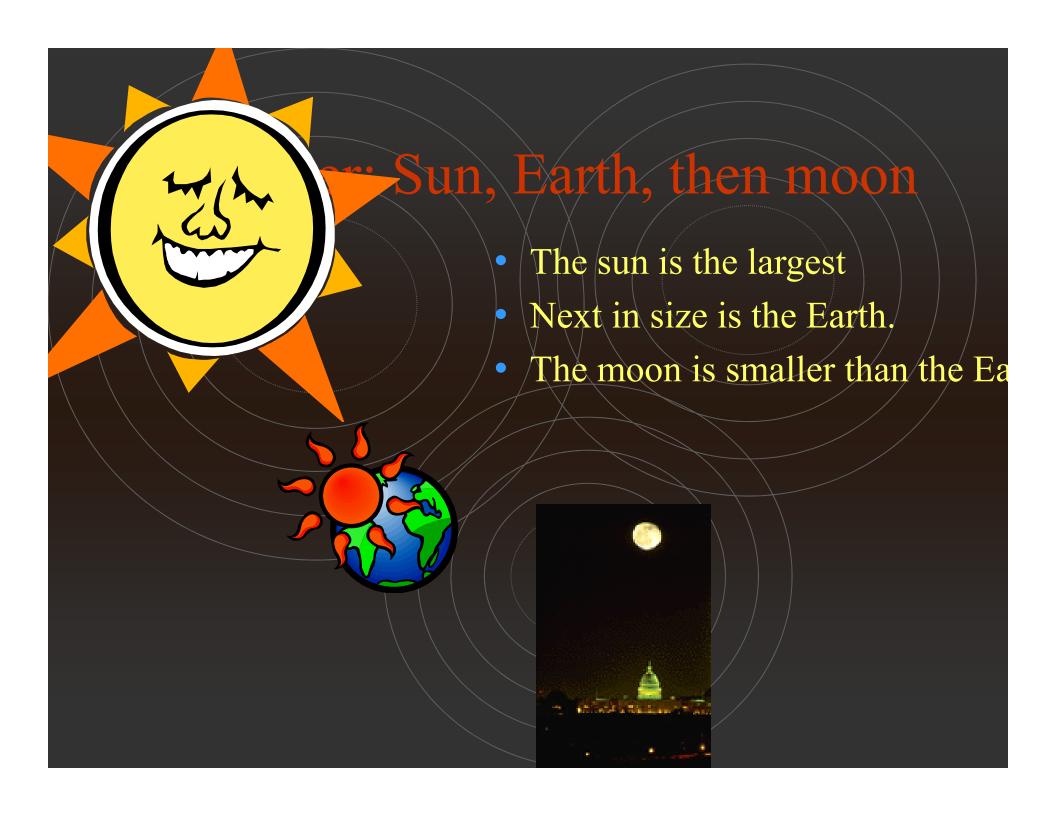


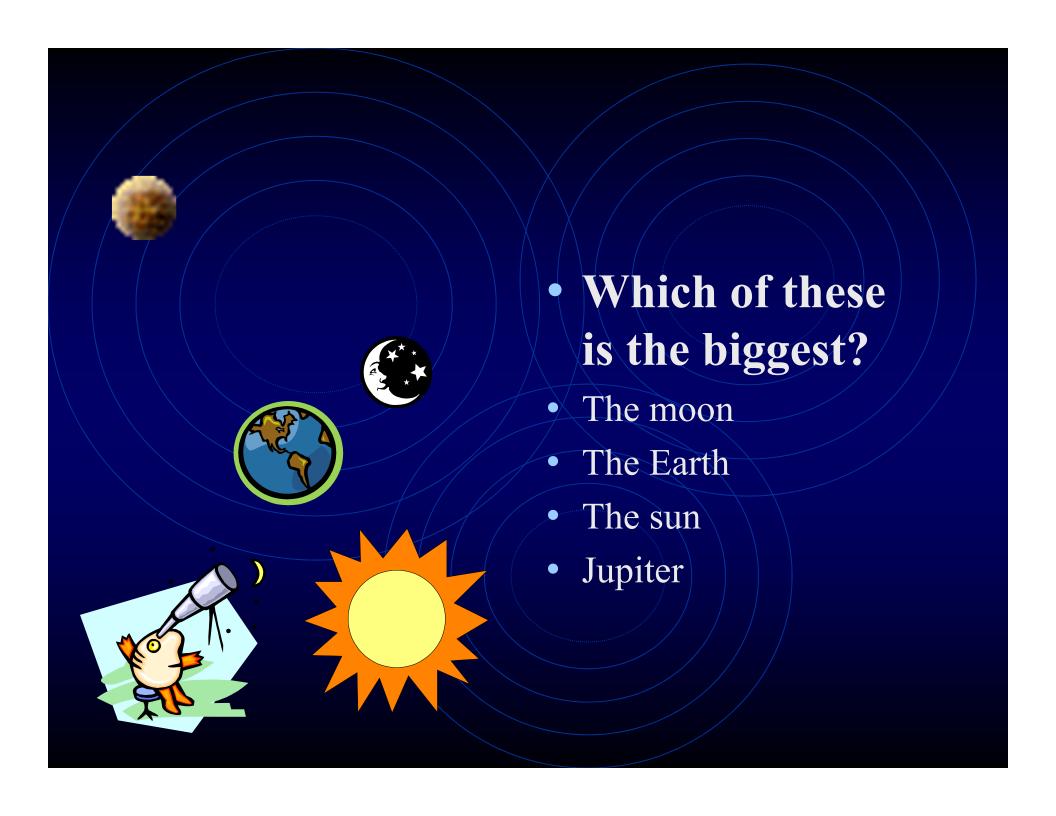


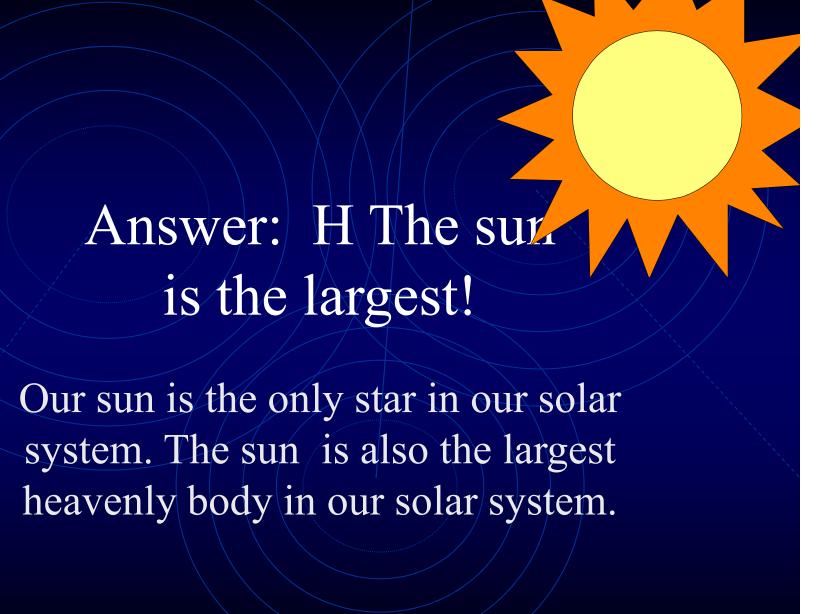
Can you put these in size order?

 Place the following in order from largest ts
smallest.

- Moon
- Sun
- Earth











# Earth Science Question: rotation

The rotation of the Earth on its axis causes-

- days
- months
- seasons
- years







Rotation is the turning or spinning of the Earth in one place on its imaginary axis.

Rotation of the earth on its axis causes day & night. (answer A).

# Which of these is caused by the turning of the Earth?

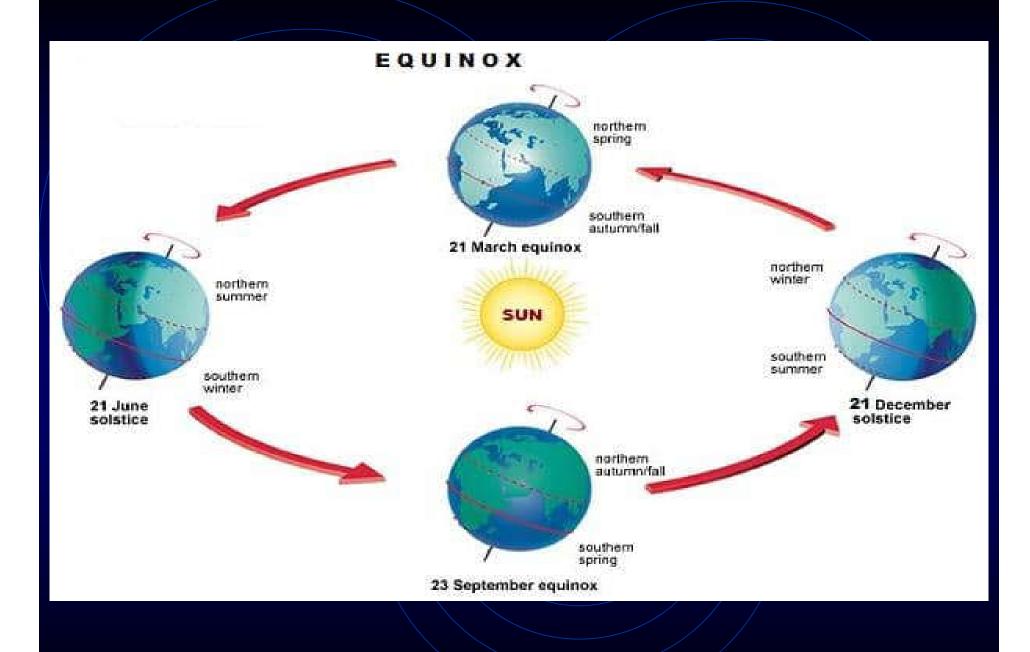
- Dry and wet season
- Stars
- Day and night
- Moon phases



# When the moon is seen from the Earth as a whole circle, it is called a-

- Crescent moon
- Full moon
- Half moon
- New moon

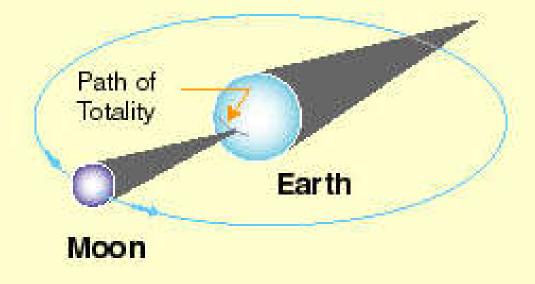




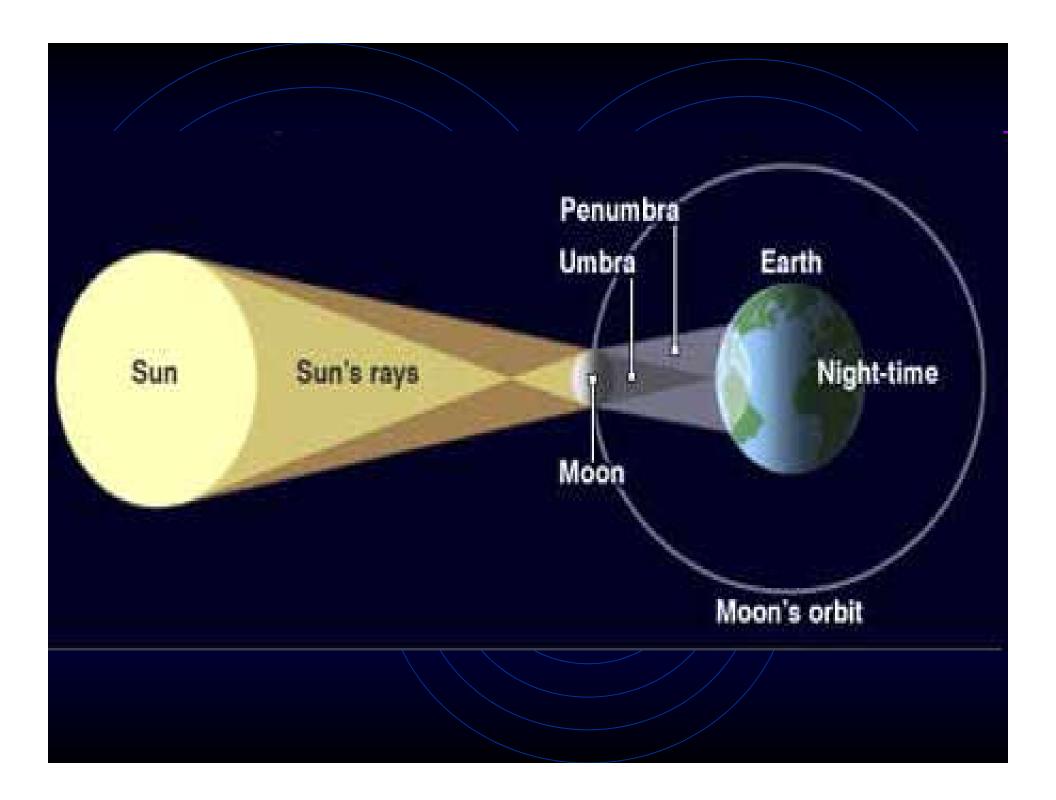
# The revolution of the Earth around the Sun takes-

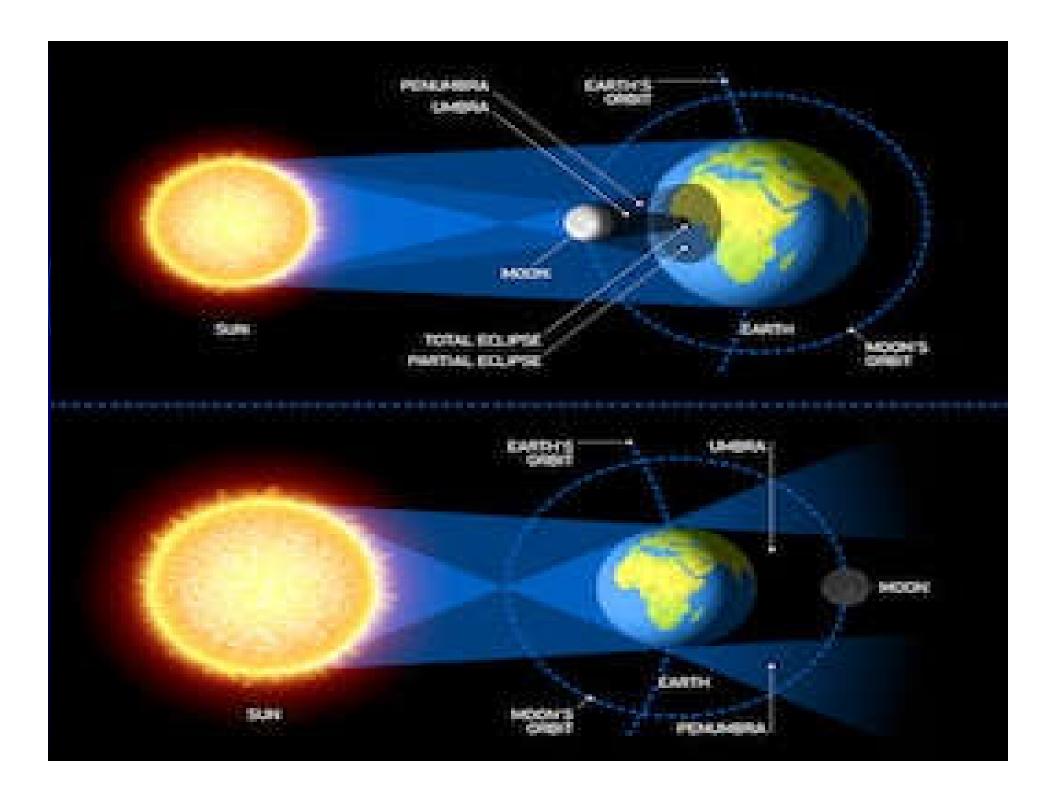
- a day & night or 12 hours
- a week or 7 days
- a month or 29-31 days
- a year or 365 days





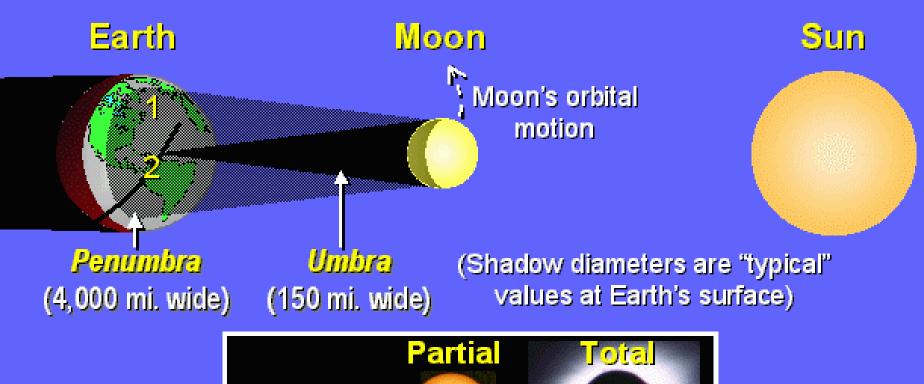






## Total Eclipse of Sun

Shadow path on Earth's surface results from combined motions of Earth and Moon





Above drawing not to scale



- Differentiate between rotation and revolution
- What are the effects of earth rotation