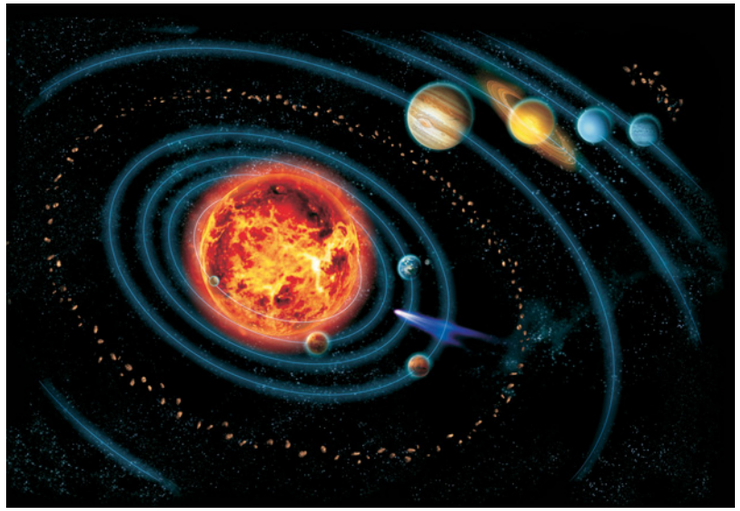
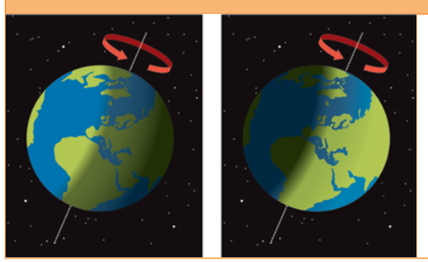
Test 5 Study Page • Summary

Name: _____ Grade: _____

Solar System

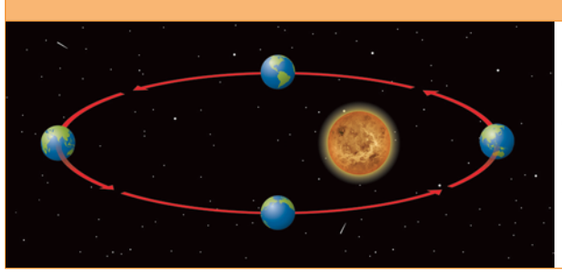


Rotation



Earth spins on its axis approximately **every 24 hours** in a west to east direction. The main effect of Earth's rotation is **day** and **night**.

Orbital Revolution



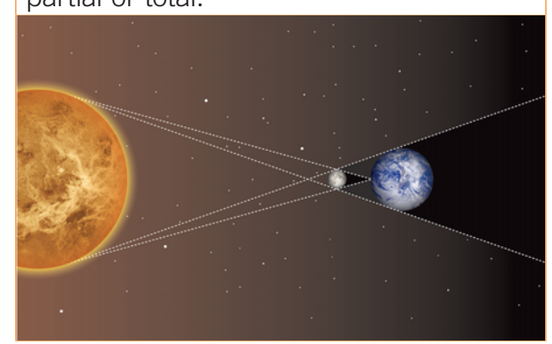
Earth revolves around the sun every 365 days, 5 hours and 49 minutes. The main effect of this orbital revolution is to create the seasons of the year. They are autumn/fall, winter, spring and summer.

Phases of the Moon

Waxing crescent	Full	Waning crescent	New

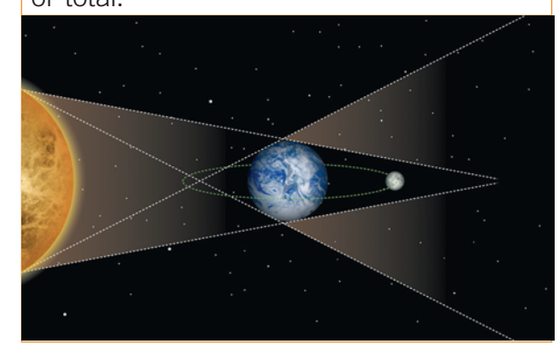
Solar Eclipse

This occurs when the moon is between Earth and the sun and projects its shadow on the planet. Solar eclipses can be annular, partial or total.



Lunar Eclipse

This occurs when Earth is between the sun and the moon and projects its shadow on the moon. Lunar eclipses can be partial or total.



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Test 5 Study Page • Review

Remove, complete, and glue in your notebook.

Section 1

1. Draw the planets in order of distance from the sun.

2. Antonia wants to represent and compare some of the planets in the solar system. To do this she found eight fruits of different sizes.

a. Which planet will the smallest fruit represent? Why?

_____

_____

b. Which planet will the largest fruit represent? Why?

_____

_____

Section 2

3. What are the effects of these movements of Earth? List them.

Rotation	_____ _____
Orbital Revolution	_____ _____

Section 3

4. Write **T** for true and **F** for false. If it is false, explain why.

a. _____ Solar eclipses occur when Earth is between the sun and the moon.

_____

b. _____ The moon is not seen from Earth when it is in the new moon phase.

_____

c. _____ The phases of the moon include new moon, waxing crescent, full moon, waning crescent.

_____

d. _____ In a total solar eclipse, Earth completely covers the sun.

_____

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