

About how many days does it take for the moon to complete one orbit?	About 29 days
The center of Earth's rotation is called the _____.	axis
The Earth is divided into two hemispheres: the Northern and Southern Hemispheres. If the Southern Hemisphere is pointing away from the sun, what season is it experiencing?	Winter
Earth's seasons are caused by _____.	the tilt of the Earth's axis.
How does a new moon appear in the sky?	When viewing the moon from earth, the moon appears completely dark.
How does the moon get its light?	It receives light from the sun.
How long does it take for the Earth to make one complete revolution around the Sun?	one year or 365 days
How long does it take for the Earth to make one complete rotation on its axis?	24 hours
How long does it take for the Earth to make one complete trip around the Sun?	365 days or 1 year
How long does it take for the Earth to make one full rotation?	24 hours

<p>In which direction does the Earth rotate?</p>	<p>toward the east</p>
<p>It takes _____ for the moon to make one complete orbit.</p>	<p>about 29 days</p>
<p>It takes 365 days for the Earth to revolve around the Sun. What do you think would happen if the speed of Earth's revolution increased?</p>	<p>Years would be shorter. They would take less than 365 days.</p>
<p>The line where the earth and sky appear to meet is called the _____.</p>	<p>horizon</p>
<p>List the characteristics of the inner planets.</p>	<p>More denser than outer planets. They have solid, rocky crusts. They are generally made from the same materials.</p>
<p>List the order of the planets beginning with the one closest to the Sun.</p>	<p>Mercury Venus Earth Mars Jupiter Saturn Neptune Uranus</p>
<p>The moon appears to be lit because _____.</p>	<p>it receives light from the Sun.</p>
<p>A natural object that orbits a sun and does not give off its own light is called a _____.</p>	<p>planet</p>
<p>A new planet has been discovered that is made up of heavier elements, rotates very slowly, and has no atmosphere. What can you conclude about this planet in relation to the Sun?</p>	<p>A planet with these characteristics mean it could be close to the Sun</p>
<p>An object that is a natural satellite and is not manmade is called a _____.</p>	<p>moon</p>

One day on Earth is equal to _____.	24 hours
The sun _____ in the east and _____ in the west	Rises in the east and sets in the west
There are eight planets in our solar system. Which planet takes the longest time to orbit the sun? And why?	Neptune takes the longest time because it is the furthest from the sun which means it has the longest path to travel to make one complete orbit. In fact, it takes approximately 165 Earth years before Neptune makes one year.
There are eight planets in our solar system. Which planet takes the shortest time to orbit the sun? And why?	Mercury takes the shortest time because it is the closest to the sun which means it has the shortest path to travel to make one complete orbit. One Earth year is 365 days, while one Mercury year is 88 days. That means for every one Earth year, about four Mercury years have passed.
A very large planet will generally have a lot of _____.	moons
What causes the phases of the moon?	The Moon's revolution around the Earth.
What happens on Earth after 365 days?	The Earth has made one complete revolution around the Sun.
What is the approximate time it takes for the moon to complete one revolution around the earth?	about one month
What is the effect of the Moon's revolution around the Earth?	Moon phases
What is the largest object in our solar system?	Jupiter

What is the main reason why the Earth revolves around the sun?	The Sun's gravitational force is responsible for Earth revolving around it.
What makes Earth's seasons?	the tilt of the Earth's axis
What takes one day for Earth to complete?	one rotation of the Earth on its axis
What takes one year for Earth to complete?	one revolution around the sun
What type of object is the Sun?	a star
When the Earth makes one complete rotation on its axis, it completes one _____.	day
Which planet has the hottest average temperature due to its closeness to the sun and its heavy cloud cover?	Venus
Which planet has the largest gravitational pull?	Jupiter
Which planets are made mostly of gas?	Jupiter Saturn Uranus Neptune
Why are the winters cooler than the summers?	the hemisphere that's experiencing winter is tilted further away from the Sun which makes it cooler.

Why does Mercury have more impact craters than Earth?

Mercury has no atmosphere that protects it against asteroids or meteors.

Why does the moon look like its shape is constantly changing?

The moon's rotation around the Earth makes it appear as if it is changing.

Why does the Sun appear to be moving across the sky?

because the Earth is rotating on its axis as it's revolving around the Sun

You discover an object between Mars and Jupiter. It's a rocky fragment that orbits the sun and does not give off any of its own light. What is it?

an asteroid