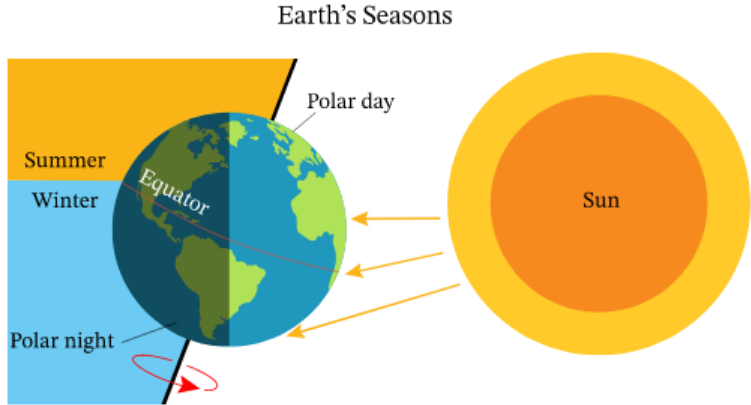



<b>Science:</b> <b>Physics 1.4 - Astronomy</b>	Equations	Prior Knowledge:
	$weight = mass \times gravity$ $speed = \frac{distance}{time}$ Converting hours to minute and to seconds Converting km to m (meters)	<ul style="list-style-type: none"> <li>Speed equation</li> <li>Objects in the Solar system</li> <li>Forces</li> </ul>

<b><u>The Solar System</u></b>  <b>My Very Easy Method Just Speeds Up Naming Planets</b> Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune  4 Rocky planets and 4 Gas giants orbit the Sun (our Star)	<b><u>Orbits</u></b>  Objects remain in orbit due to gravity (attraction between 2 masses).  Planets/Asteroids/Comets orbit the Sun Moons orbit planets	<b><u>Seasons</u></b>  Seasons are due to the tilt in Earth's axis, meaning different parts of the Earth are closer to the Sun at different points in the year  	<b><u>Days and nights</u></b>  The Earth spins on an axis as it rotates the Sun. The side facing the Sun will experience day, while the other side will experience night.  
<b><u>Observing the Universe</u></b>  Telescopes –  Rovers –  Probes –  Landers -	<b><u>Telescopes</u></b>		
<b><u>Lightyears</u></b>	<b><u>Origin of the Universe</u></b>	<b><u>Red shift</u></b>	<b><u>Space</u></b>

Next Steps



Useful Links