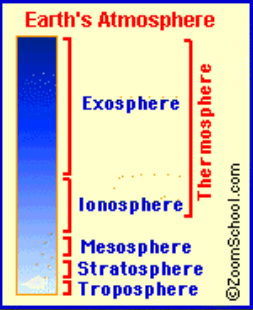
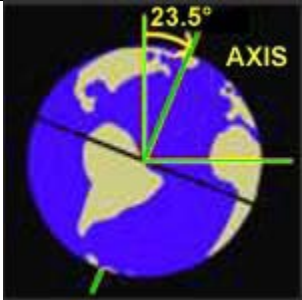
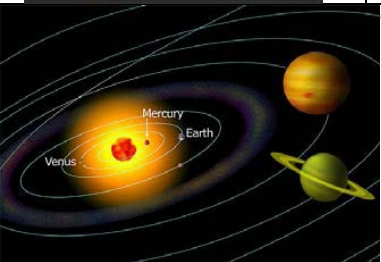
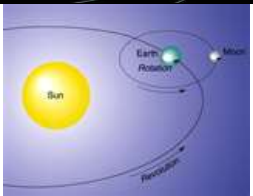


Vocabulary #19 STAAR English  
 Earth Science: Physical Characteristics of the Earth

<p>Atmosphere</p>	<p>The pocket of air that surrounds the Earth.</p>	 <p>The diagram shows a vertical cross-section of the atmosphere with layers labeled from bottom to top: Troposphere, Stratosphere, Mesosphere, Ionosphere, and Exosphere. A bracket on the right side groups the top three layers (Ionosphere, Exosphere, and the unlabeled layer above) as 'The Thermosphere'. The source is cited as ©ZoomSchool.com.</p>	<p>The Earth's <b>atmosphere</b> has several different layers.</p>
<p>Axis</p>	<p>An imaginary line running from the North Pole to the South Pole through the center of the Earth.</p>	 <p>The diagram shows a globe of Earth with a black line representing the axis passing through the center from the North Pole to the South Pole. A green line indicates the axis is tilted at an angle of 23.5 degrees relative to a vertical line. The word 'AXIS' is written in yellow text.</p>	<p>Without the Earth tilting on its <b>axis</b>, would we have seasons?</p>
<p>Orbit</p>	<p>The path one object takes around another object in space.</p>	 <p>The diagram shows the Sun at the center with several planets orbiting it in elliptical paths. The planets shown are Mercury, Venus, Earth, and Saturn. The Sun is depicted as a bright yellow-orange sphere.</p>	<p>The Earth stays in <b>orbit</b> around the sun.</p>
<p>Revolution</p>	<p>To travel in a closed path around another object.</p>	 <p>The diagram shows the Sun on the left and Earth on the right. Earth is shown with a circular arrow around its axis labeled 'Earth Rotation' and a larger circular arrow around the Sun labeled 'Revolution'. The Moon is also shown orbiting Earth.</p>	<p>It takes the Earth one full year to make a complete <b>revolution</b> around the sun.</p>

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Rotation	The spinning of a planet or moon on its axis.		The Earth's <b>rotation</b> on its axis gives us night and day.
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