

Topic: Earth Motions

Aim: How do celestial objects appear to move across the sky?

recall	notes
<p>1. What is the celestial sphere?</p>	<p>The celestial sphere is the imaginary dome of the sky onto which all celestial objects (stars, planets, moons, galaxies, constellations) can be plotted.</p>
<p>2. What is the difference between real and apparent motion?</p>	<p>Apparent Motion – how a celestial object seems to move</p> <p>Real Motion – how a celestial object actually moves</p>
<p>3. What is the direction and rate of apparent motion of celestial objects?</p>	<p>Celestial objects appear to <i>rise in the east</i>, move across the sky at a <i>rate of 15°/hour</i>, and appear to <i>set in the west</i>.</p> <p>This apparent motion is caused by the Earth's real motion: rotation from west to east.</p>

