



Changes in the Sky

- The sun sets south of west in winter.
- Winter days are short.
- Stars move east to west over a night.
- The constellations change over the months.
- The sun (and moon and stars) rises & sets.
- The sun is higher in the sky in summer than winter.
- Planets move with respect to the stars.
- Comets appear irregularly.

The Celestial Sphere

- 1. What movement explains observation A?
 - a) The sun moves around the earth.
 - b) The earth moves around the sun.
 - c) The earth turns.

What motions have you observed?

- A. Night & day. Sun rises & sets.
- B. Stars rise & set.
- C. Different stars are seen at different times of the year. Eg., Orion is seen in early evening in March. The "Summer Triangle" is seen in early evening in the summer.









